# Product Datasheet

## H4/h Overexpression Lysate
## NBL1-11568

Unit Size: 0.1 mg

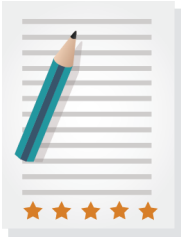
Store at -80C. Avoid freeze-thaw cycles.

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H4/h Overexpression Lysate

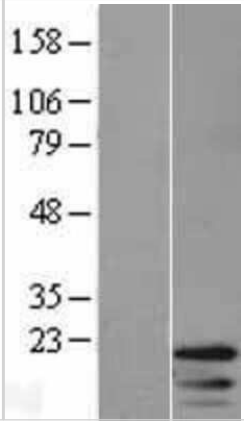
| Product Information | |
|---|---|
| **Unit Size** | 0.1 mg |
| **Concentration** | The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information. |
| **Storage** | Store at -80C. Avoid freeze-thaw cycles. |
| **Buffer** | RIPA buffer |
| **Target Molecular Weight** | 11.2 kDa |

| Product Description | |
|---|---|
| **Description** | **H4/h Transient Overexpression Lysate**<br><br>Expression Host: HEK293T<br><br>Plasmid: RC203098<br><br>Accession#: NM_003543<br><br>Protein Tag: C-MYC/DDK<br><br>You will receive 1 vial of lysate (100ug) and 1 vial of empty vector negative control (100ug). Each vial of cell lysate contains 100ug of total protein (at 1 mg/ml). |
| **Gene ID** | 8365 |
| **Gene Symbol** | HIST1H4H |
| **Species** | Human |
| **Notes** | HEK293T cells in 10-cm dishes were transiently transfected with a non-lipid polymer transfection reagent specially designed and manufactured for large volume DNA transfection. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4, and then centrifuged to clarify the lysate. Protein concentration was measured by BCA protein assay kit. |
| **Lysate Type** | Overexpression |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot |
| **Recommended Dilutions** | Western Blot |
| **Application Notes** | This product is intended for use as a positive control in Western Blot. Overexpression of the target protein was confirmed using an antibody to DDK (FLAG) epitope tag (NBP1-71705) present on the protein construct.<br><br>Each vial of cell lysate contains 100ug of total protein which should be sufficient for 20-50 reactions. Depending on over-expression level, antibody affinity and detection system, some lysates can go as low as 0.1 ug per load. We recommend starting with 5ug of cell lysate. |

## Images

Western Blot: H4/h Overexpression Lysate (Adult Normal) [NBL1-11568]
Left-Empty vector transfected control cell lysate (HEK293 cell lysate);
Right -Over-expression Lysate for H4/h.



**Novus Biologicals USA**
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

**Bio-Techne Canada**
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

**Bio-Techne Ltd**
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

**General Contact Information**
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

## Products Related to NBL1-11568

| | |
|---|---|
| NB500-171 | Histone H3 Antibody - BSA Free |
| H00008365-M01 | H4/h Antibody (6D4) - Azide and BSA Free |
| NBP2-29463 | p21/CIP1/CDKN1A Antibody (WA-1) |
| NB100-616 | KAT3B/p300 Antibody (RW105) - BSA Free |

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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