# Product Datasheet

## Recombinant Human KLF7 His Protein
## NBP2-23176

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

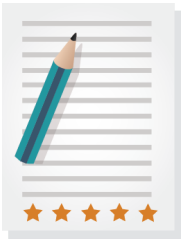
www.novusbio.com technical@novusbio.com

**Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-23176

Updated 10/23/2024 v.20.1





# NBP2-23176

Recombinant Human KLF7 His Protein

## Product Information

| | |
|---|---|
| **Unit Size** | 0.1 mg |
| **Concentration** | 1 mg/ml |
| **Storage** | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| **Preservative** | No Preservative |
| **Purity** | >85%, by SDS-PAGE |
| **Buffer** | 20 mM Tris-HCl buffer (pH 8.0), 0.4M UREA, 10% glycerol |
| **Target Molecular Weight** | 35.8 kDa |

## Product Description

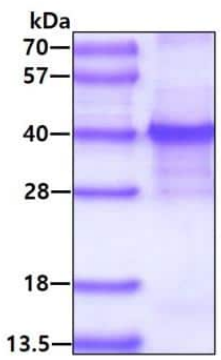
| | |
|---|---|
| **Description** | A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-302 of Human KLF7<br><br>**Source:** *E.coli*<br><br>**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMDVLASY SIFQELQLVH DTGYFSALPS LEETWQQTCL ELERYLQTEP RRISETFGED LDCFLHASPP PCIEESFRRL DPLLLPVEAA ICEKSSAVDI LLSRDKLLSE TCLSLQPASS SLDSYTAVNQ AQLNAVTSLT PPSSPELSRH LVKTSQTLSA VDGTVTLKLV AKKAALSSVK VGGVATAAAA VTAAGAVKSG QSDSDQGGLG AEACPENKKR VHRCQFNGCR KVYTKSSHLK AHQRTHTGEK PYKCSWEGCE WRFARSDELT RHYRKHTGAK PFKCNHCDRC FSRSDHLALH MKRHI |
| **Gene ID** | 8609 |
| **Gene Symbol** | KLF7 |
| **Species** | Human |

## Product Application Details

| | |
|---|---|
| **Applications** | SDS-Page |
| **Recommended Dilutions** | SDS-Page |
| **Application Notes** | Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays. |

## Images

SDS-Page: Recombinant Human KLF7 Protein [NBP2-23176] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



## Publications

Mamet J, Klukinov M, Harris S et al. [EXPRESS] Intrathecal administration of AYX2 DNA-decoy produces a long-term pain treatment in rat models of chronic pain by inhibiting the KLF6, KLF9 and KLF15 transcription factors Mol Pain 2017-08-17 [PMID: 28814144] (Human)

**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 NBP2-23176

| | |
|---|---|
| NBP1-80638PEP | KLF7 Recombinant Protein Antigen |
| NB300-109 | Tyrosine Hydroxylase Antibody |
| NBP1-80638 | KLF7 Antibody |
| DLP00 | Leptin/OB [HRP] |

**Limitations**
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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