Product Datasheet

GPR45 Overexpression Lysate
NBL1-11282

Unit Size: 0.1 mg

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

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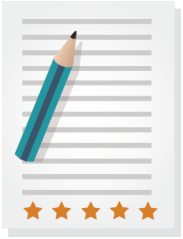


NBL1-11282

GPR45 Overexpression Lysate

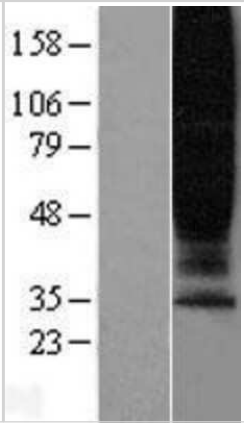
Product Information	
Unit Size	0.1 mg
Concentration	The exact concentration of the protein of interest cannot be determined for overexpression lysates. Please contact technical support for more information.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	RIPA buffer
Target Molecular Weight	41.8 kDa

Product Description	
Description	**GPR45 Transient Overexpression Lysate** Expression Host: HEK293T Plasmid: RC209671 Accession#: NM_007227 Protein Tag: C-MYC/DDK 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	11250
Gene Symbol	GPR45
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. 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: GPR45 Overexpression Lysate (Adult Normal) [NBL1-11282] Left-Empty vector transfected control cell lysate (HEK293 cell lysate); Right -Over-expression Lysate for GPR45.



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Products Related to NBL1-11282

NBP2-49204PEP	GPR45 Recombinant Protein Antigen
DPG00	PLGF [HRP]
NBP3-09566-100ul	GPR45 Antibody - BSA Free
MAB7089	S1P1/EDG-1 Antibody (713412) [Unconjugated]

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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