

Product datasheet for PH318589

ANTXR2 (NM_058172) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANTXR2 MS Standard C13 and N15-labeled recombinant protein (NP_477520)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218589
Predicted MW:	53.3 kDa
Protein Sequence:	>RC218589 representing NM_058172 Red=Cloning site Green=Tags(s)

MVAERSPARSPGSLFPGLWLLVLSGPGLLRAQEQPSCRRAFDLYFVLDKSGSVANNWIEIYNFVQQLA
ERFVSPERMLSFIVFSSQATIILPLTGDRGKISKGLEDLKRVSPVGETYIHEGLKLANEQIQKAGGLKTS
SIIIALTDGKLDGLVPSYAEKEAKISRSLGASVYCVGVLDFEQAQLERIASKEQVFPVKGGFQALKGII
NSILAQSCTEILELQPSSVCVGEFQIVLSGRGFMLGSRNGSVLCTYTVNETYTTSVKPVSVQLNSMLCP
APILNKAGETLDVSVSFNGGKSVISGSLIVTATECSNGIAAIIIVLVLLLLGIGLMWFWPLCCKVVIK
DPPPPPPAPKEEEEEPLPTKKWPTVDASYYGGRVGGIKRMEVVRWGDKGSTEEGARLEKAKNAVVKIPE
ETEEPIRPRPRPKPTHQPPQTKWYTPIKGRDLALWALLRRQYDRVSLMRPQEGDEGRCINF SRVPSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_477520</u>
RefSeq Size:	3881
RefSeq ORF:	1464
Synonyms:	CMG-2; CMG2; HFS; ISH; JHF



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Locus ID: 118429

UniProt ID: [P58335](#)

Cytogenetics: 4q21.21

Summary: This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Protein Families: Druggable Genome, Transmembrane

Product images:

□

Coomassie blue staining of purified ANTXR2 protein (Cat# [TP318589]). The protein was produced from HEK293T cells transfected with ANTXR2 cDNA clone (Cat# [RC218589]) using MegaTran 2.0 (Cat# [TT210002]).