

Product datasheet for PH313572

ARMETL1 (CDNF) (NM_001029954) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDNF MS Standard C13 and N15-labeled recombinant protein (NP_001025125)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213572
Predicted MW:	21 kDa
Protein Sequence:	>RC213572 protein sequence Red=Cloning site Green=Tags(s) MWCASPVAVVAFCAGLLVSHPVLTQGQEAGGRPGADCEVCKEFLNRFYKSLIDRGVNFSLDTIEKELISF CLDTKKGKENRLCYLGGATKDAATKILSEVTRPMSVHMPAMKICEKLLKLDLSQICELKYEKTLDLASVDLR KMRVAELKQILHSWGEECRACA EKTDYVNLIQELAPKYAATHPKTEL 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:	NP_001025125
RefSeq Size:	1330
RefSeq ORF:	561
Synonyms:	ARMETL1
Locus ID:	441549
UniProt ID:	Q49AH0

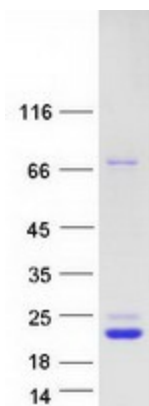


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Cytogenetics: 10p13

Summary: Trophic factor for dopamine neurons. Prevents the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CDNF protein (Cat# [TP313572]). The protein was produced from HEK293T cells transfected with CDNF cDNA clone (Cat# [RC213572]) using MegaTran 2.0 (Cat# [TT210002]).