

## Product datasheet for **TP313572M**

### ARMETL1 (CDNF) (NM\_001029954) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human arginine-rich, mutated in early stage tumors-like 1 (ARMETL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213572 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MWCASPVAWAFCAFGLLVSHPVLTQGGQEAGGRPGADCEVCKEFLNRFYKSLIDRGVNFSLDTIEKELISF CLDTKGKENRLCYLGGATKDAATKILSEVTRPMSVHMPAMKICEKLLKLDSSQICELKYEKTLDLASVDLR KMRVAELKQILHSWGEECRACAECTDYVNLIQELAPKYAATHPKTEL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001025125</a>
Locus ID:	441549
UniProt ID:	<a href="#">Q49AH0</a>



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RefSeq Size: 1330

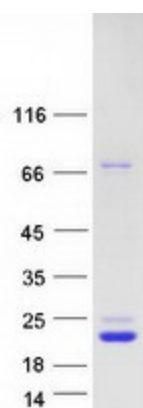
Cytogenetics: 10p13

RefSeq ORF: 561

Synonyms: ARMETL1

**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]).