

Product datasheet for **TP720771**

ARMETL1 (CDNF) (NM_001029954) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cerebral dopamine neurotrophic factor (CDNF)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Gln25-Leu187
Tag:	C-His
Predicted MW:	19 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 μ g/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001025125
Locus ID:	441549
UniProt ID:	Q49AH0
RefSeq Size:	1330
Cytogenetics:	10p13
RefSeq ORF:	561
Synonyms:	ARMETL1



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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]