

Product datasheet for TP517152

Cdnf (NM_177647) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cerebral dopamine neurotrophic factor (Cdnf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217152 protein sequence Red=Cloning site Green=Tags(s)

MRCISPTALVTFCAGFCISNPVLAQGLEAGVGPRADCEVCKEFLDRFYNSLLSRGIDFSADTIEKELLNF
CSDAKGKENRLCYLGGATTTAATKILGEVTRPMSVHIPAVKICEKLLKMDSQICELKYGKKLDLASVDLW
KMRVAELKQILQRWGEECRACAEKSDYVNLIRELAPKYVEIYPQTEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	21 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
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 after receiving vials.
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:	NP_808315
Locus ID:	227526
UniProt ID:	Q8CC36
RefSeq Size:	3013
Cytogenetics:	2 A1



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RefSeq ORF: 564

Synonyms: 9330140G23; 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]