

Product datasheet for TP502776

Ngrn (NM_031375) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse neugrin, neurite outgrowth associated (Ngrn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202776 protein sequence Red =Cloning site Green =Tags(s)
	MRFQKIRRQMEAPGAPPRTLWEAMEQIRYLHKEFAESWSVPRLAEGFDVSTDVIRRVLKSQKVFPTLEQK LRQDQKVLKKAGFTREIGQLPVSEDTLKALSAGRSVSGLLMAGDEVSSKSNHSTALKVAKSHPHSTDAQ KKREGDKRIQVLEESLVPATTALGHQRELQKSATSDAEATGRAGSDTLPSAVLLEELKAGELGDQSFSS KVVQRGHDFDSDNGNFLYRI
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.6 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_113552
Locus ID:	83485
UniProt ID:	Q99KS2
RefSeq Size:	1321



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Cytogenetics: 7 D2

RefSeq ORF: 693

Synonyms: AW552001

Summary: Plays an essential role in mitochondrial ribosome biogenesis. As a component of a functional protein-RNA module, consisting of RCC1L, NGRN, RPUSD3, RPUSD4, TRUB2, FASTKD2 and 16S mitochondrial ribosomal RNA (16S mt-rRNA), controls 16S mt-rRNA abundance and is required for intra-mitochondrial translation of core subunits of the oxidative phosphorylation system. [UniProtKB/Swiss-Prot Function]