

Recombinant Mouse Negr1 protein(Met1-Gly318), His-tagged

Cat. No. Negr1-3801M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NEGR1 (NP_001034183.1) (Met 1-Gly 318) without the pro peptide was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly318
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse NEGR1 comprises 298 amino acids and has a calculated molecular mass of 33 kDa. As a result of glycosylation, rmNEGR1 migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Negr1 neuronal growth regulator 1 [Mus musculus]
Official Symbol	Negr1
Synonyms	NEGR1; neuronal growth regulator 1; neurotractin; kindred of IgLON; Ntra; KILON; mKIAA3001; 5330422G01Rik;
Gene ID	320840
mRNA Refseq	NM_001039094
Protein Refseq	NP_001034183

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