

Active Recombinant Mouse Gdnf Protein

Cat. No. Gdnf-066M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse glial cell line derived neurotrophic factor (Gdnf) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Bio-activity	ED50 was determined by the proliferation of rat C6 cells is less than or equal to 0.2 ng/ml, corresponding to a specific activity of $> 5 \times 10^6$ units/mg.
Molecular Mass	15 kDa
AA Sequence	MSPDKQAAALPRRERNRQAAAASPENSRGKGRRGQRGKNRGCVLTAIHLNVTDLG LGYETKEELIFRYCSGSCESAETMYDKILKNLSRSRRLTSDKVGQACCRPVAFDDDL SFLDDNLVYHILRKHSKRCGCI
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
Purity	$>95\%$, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage	Store at -80 centigrade.

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Storage Buffer Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

Reconstitution Resuspend the protein in the desired concentration in proper buffer.

GENE INFORMATION

Gene Name Gdnf glial cell line derived neurotrophic factor [Mus musculus (house mouse)]

Official Symbol Gdnf

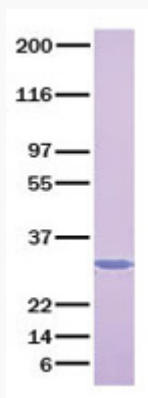
Synonyms Gdnf; glial cell line derived neurotrophic factor; ATF; A1385739; glial cell line-derived neurotrophic factor; astrocyte-derived trophic factor; neurotrophic factor

Gene ID 14573

mRNA Refseq NM_010275

Protein Refseq NP_034405

UniProt ID P48540



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