

Active Recombinant Human BDNF Protein

Cat. No. BDNF-72H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human BDNF Protein(P23560)(129-247 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	129-247 aa
Form	Lyophilized from a 0.22 um filtered solution containing PBS,5% mannitol and 0.01% Tween 80, pH7.4
Bio-activity	The activity is determined by the dose-dependent proliferation of C6 cell sand is typically between 0.5-1.5 ug/mL. Corresponding to a specific Activity of 1×10^3 units/mg.
Molecular Mass	13.5 kDa
AASequence	HSDPARRGELSVCD SISEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQYFYET KCNPMGYTKEGCRGIDK RHWNSQCRTTQSYVRALTMDSKKRIGWRFIRIDTSCVCT LTIKRGR
Endotoxin	≤ 10 EU/mg by the LAL method
Purity	$\geq 95\%$, by SDS-PAGE (under conditions, visualized by Coomassie staining)

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Storage 36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name BDNF brain-derived neurotrophic factor [Homo sapiens]

Official Symbol BDNF

Synonyms BDNF; brain-derived neurotrophic factor; neurotrophin; abrineurin; MGC34632;

Gene ID 627

mRNA Refseq NM_001143805

Protein Refseq NP_001137277

MIM 113505

UniProt ID P23560

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