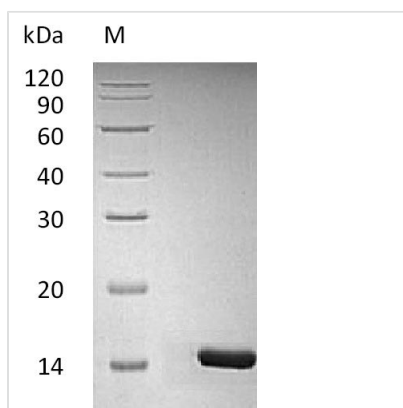




# Recombinant Human Neurotrophic factor BDNF precursor form (BDNF) (Active)

<b>Product Code</b>	CSB-AP003781HU
<b>Abbreviation</b>	Recombinant Human BDNF protein (Active)
<b>Uniprot No.</b>	P23560
<b>Storage Buffer</b>	Lyophilized from a 0.2 $\mu$ m filtered 20 mM PB, 250 mM NaCl, pH 7.2
<b>Product Type</b>	Growth Factors
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human TrkB (C-6His) at 5 $\mu$ g/mL can bind Human BDNF, Biotinylated by NHS-biotin prior to testing, the EC50 of Human BDNF is $\leq$ 20 ng/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	HSDPARRGELSVCDSEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQY FYETKCNPMGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSKKRIGWRFIR IDTSCVCTLTIKRGR
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	BDNF
<b>Expression Region</b>	129-247aa
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	13 kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

<b>Endotoxin</b>	Less than 0.01 EU/ $\mu$ g as determined by LAL method.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.