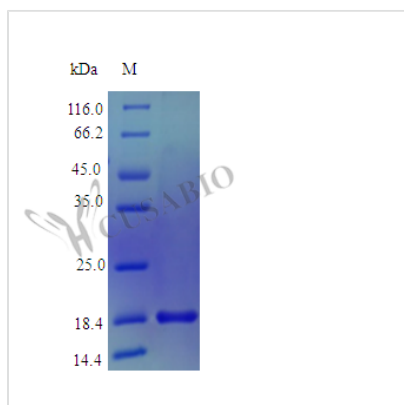




Recombinant Human Mesencephalic astrocyte-derived neurotrophic factor protein (MANF) (Active)

Product Code	CSB-AP002891HU
Abbreviation	Recombinant Human MANF protein (Active)
Uniprot No.	P55145
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat C6 cells is less than 20 µg/ml, corresponding to a specific activity of >50 IU/mg.
Purity	≥95% as determined by SDS-PAGE.
Sequence	LRPGDCEVCI SYLGRFYQDL KDRDVTFSPT TIENELIKFC REARGKENRL CYYIGATDDA ATKIINEVSK PLAAHIPVEK ICEKLKKKDS QICELKYDKQ IDLSTVDLKK LRVKELKKIL DDWGETCKGC AEKSDYIRKI NELMPKYAPK AASARTDL
Research Area	Neuroscience
Source	E.coli
Target Names	MANF
Expression Region	25-182aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	18.2 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	8649854; 15489334; 16641997; 12665801; 12794311; 15144186; 18561914; 21269460; 24275569; 19258449; 8971156; 9174057
Image	


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.