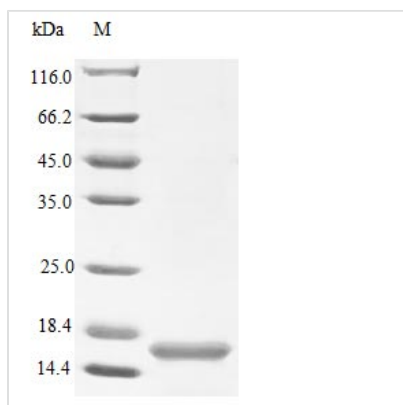




Recombinant Human Neurotrophin-4 protein (NTF4) (Active)

Product Code	CSB-AP002831HU
Abbreviation	Recombinant Human NTF4 protein (Active)
Uniprot No.	P34130
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 5.5
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by the dose-dependent induction of choline acetyl transferase activity in rat basal forebrain primary septal cell cultures is less than 50 ng/ml, corresponding to a specific activity of $>2.0 \times 10^4$ IU/mg
Purity	$\geq 97\%$ as determined by SDS-PAGE.
Sequence	M+GVSETAPAS RRGELAVCDA VSGWVTDRT AVDLRGREVE VLGEVPAAGG SPLRQYFFET RCKADNAEEG GPGAGGGGCR GVDRRHVWSE CKAKQSYVRA LTADAQGRVG WRWIRIDTAC VCTLLSRTGR A
Research Area	Neuroscience?
Source	E.Coli
Target Names	NTF4
Expression Region	81-210aa
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	14.1 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	1742028; 1313578; 15489334; 10631974; 19765683; 20215012
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.