



Recombinant Rat Neurotrophin-4 (Ntf4)

Product Code	CSB-BP016121RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P34131
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	G VSETAPASRR GELAVCDAVS GWVTDRTAV DLRGREVEVL GEVPAAGGSP LRQYFFETRC KAESAGEGGP GVGGGGCRGV DRRHVLSECK AKQSYVRALT ADSQGRVGWR WIRIDTACVC TLLSRTGRA
Source	Baculovirus
Target Names	Ntf4
Protein Names	Recommended name: Neurotrophin-4 Short name= NT-4 Alternative name(s): Neurotrophin-5 Short name= NT-5 Neutrophic factor 4
Expression Region	80-209
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood.
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.