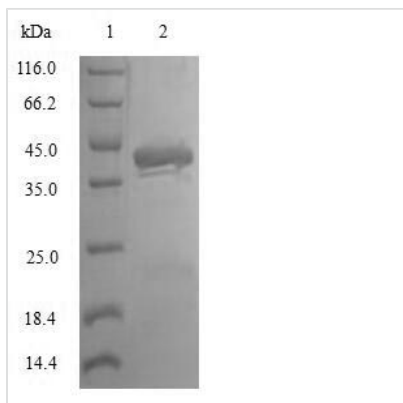




Recombinant Human Protachykinin-1 (TAC1)

Product Code	CSB-EP023062HU
Relevance	Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles.
Abbreviation	Recombinant Human TAC1 protein
Storage	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.
Uniprot No.	P20366
Alias	Neuromedin L Substance K
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MKILVALAVFFLVSTQLFAEEIGANDDLNYWSDWYDSDQIKEELPEPFEHLLQR IARRPKPQQFFGLMGKRDADSSIEKQVALLKALYGHGQISHKRHKTDTSFVGLM GKRALNSVAYERSAMQNYERRR
Research Area	Neuroscience
Source	E.coli
Target Names	TAC1
Protein Names	Recommended name: Protachykinin-1 Alternative name(s): PPT Cleaved into the following 5 chains: 1. Substance P 2. Neurokinin A Short name= 3. NKA Alternative name(s): Neuromedin L Substance K Neuropeptide K Short name= NPK
Expression Region	1-129aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	42.0kDa
Protein Length	Full Length
Image	



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

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

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