

Recombinant Human TAC1 protein, GST-tagged

Cat. No. TAC1-3548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAC1 protein(P20366)(1-129aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-129aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42 kDa
AA Sequence	MKILVALAVFFLVSTQLFAEEIGANDDLNYWSDWYDSQIKEELPEPFEHLLQRIARR PKPQQFFGLMGKRDADSSIEKQVALLKALYGHGQISHKRHKTDSEVGLMGKRALNS VAYERSAMQNYERRR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION

Gene Name [TAC1 tachykinin, precursor 1 \[Homo sapiens \]](#)

Official Symbol [TAC1](#)

Synonyms

TAC1; tachykinin, precursor 1; NKNA, TAC2, tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokinin alpha, neuropeptide K, neuropeptide gamma); protachykinin-1; neurokinin 1; neurokinin 2; neurokinin alpha; neuromedin L; neuropeptide gamma; neuropeptide K; NPK; substance K; substance P; PPT; neurokinin A; tachykinin 2; tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokinin alpha, neuropeptide K, neuropeptide gamma); NK2; NKNA; TAC2; Hs.2563;

Gene ID [6863](#)

mRNA Refseq [NM_003182](#)

Protein Refseq [NP_003173](#)

MIM [162320](#)

UniProt ID [P20366](#)

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