

Recombinant Human TACR2 protein, His-tagged

Cat. No. TACR2-613H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TACR2 aa. (Val92~Leu290 (Accession # P21452)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val92~Leu290
Description	This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neuropeptide substance K, also referred to as neurokinin A.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	TACR2 tachykinin receptor 2 [Homo sapiens (human)]
Official Symbol	TACR2
Synonyms	TACR2; tachykinin receptor 2; SKR; NK2R; NKNAR; TAC2R; substance-K receptor; NK-2 receptor; NK-2R; neurokinin 2 receptor; neurokinin A receptor; seven transmembrane helix receptor
Gene ID	6865
mRNA Refseq	NM_001057.2
Protein Refseq	NP_001048.2
UniProt ID	P21452

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