

Recombinant Human TACR1-3C Protein (M1-S226, H237-E335, E78N, Y121W, T222R), N-Flag and C-10xHis-tagged

Cat. No. TACR1-16H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Flag-TACR1(M1-S226)-mT4L-TACR1(H237-E335) (E78N, Y121W, T222R)-3C-10His was expressed in insect cells.
Species	Human
Source	Insect Cells
ProteinLength	M1-S226, H237-E335, E78N, Y121W, T222R
Description	This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	60%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	20 mM HEPES (pH 7.5), 150 mM NaCl, 1 µM aprepitant, 0.01% LMNG, 0.001% CHS
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	TACR1 tachykinin receptor 1 [Homo sapiens (human)]
Official Symbol	TACR1
Synonyms	TACR1; tachykinin receptor 1; TAC1R; substance-P receptor; NK1R; NKIR; SPR; NK-1R; NK-1 receptor; tachykinin receptor 1 (substance P receptor; neurokinin-1 receptor);
Gene ID	6869
mRNA Refseq	NM_001058
Protein Refseq	NP_001049
MIM	162323
UniProt ID	P25103

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