

Recombinant Human TACR1 Protein (M1-S226, H237-E335, E78N, Y121W, T222R), Flag-10×His tagged

Cat. No. TACR1-1267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Flag-TACR1(M1-S226)-mT4L-TACR1(H237-E335) (E78N, Y121W, T222R)-3C-10His Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-S226, H237-E335, E78N, Y121W, T222R
Description	This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	60%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer 20 mM HEPES (pH 7.5), 150 mM NaCl, 1 μ M 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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