

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Flag-TACR1(M1-S226)-mT4L-TACR1(H237-E335) (E78N, Y121W, T222R)-3C-10His Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	M1-S226, H237-E335, E78N, Y121W, T222R
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	60%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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  $\mu$ 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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