

Recombinant Full Length Rat Neuromedin-K Receptor(Tacr3) Protein, His-Tagged

Cat. No. RFL8465RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Neuromedin-K receptor(Tacr3) Protein (P16177) (1-452aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-452)
Form	Lyophilized powder
AA Sequence	<p>MASVPRGENWTDGTVVEVGHTGNLSSALGVTEWLALQAGNFSSALGLPATTQAPS</p> <p>QVRAN LTNQFVQPSWRIALWSLAYGLVVAVAVFGNLIVIIIAHKRMRTVTNYFLVN</p> <p>LAFSDAS VAAFNTLINFIYGLHSEWYFGANYCRFQNFFPITAVFASIYSMTAIAVDY</p> <p>MAIIDPLKP RLSATATKIVIGSIWILAFLLAFPQCLYSKIKVMPGRTLCTYVQWPEGPKQ</p> <p>HFTYHIIIVII LVYCFPLLIMGVITYTIVGITLWGGEIPGDTCDKYHEQLKAKRKVVKMMIIV</p> <p>VVTFAICWL PYHVYFILTAIYQQLNRWKYIQQVYLASFWMSSMTMYNPIIYCCLNKR</p> <p>FRAGFKRAFRW CPFIQVSSYDELELKTTRFHPTRQSSLYTVSRMESVTVLFDPNKG</p> <p>DPTKSSRKKRAVPRD PSANGCSHRGSKSASTTSSFISSPYTSVDEYS</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Tacr3
Synonyms	Tacr3; Tac3r; Neuromedin-K receptor; NKR; NK-3 receptor; NK-3R; Neurokinin B receptor; Tachykinin receptor 3
UniProt ID	P16177

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