

Recombinant Full Length Rat Transmembrane Protein 214(Tmem214) Protein, His-Tagged

Cat. No. RFL36409RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Transmembrane protein 214(Tmem214) Protein (A1L1L2) (1-685aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-685)
Form	Lyophilized powder
AA Sequence	MAARAAGSGGWEVVKRSRRPGASSGGRGGGGDRRALGEANGVWKYDLSSPIQP TSTLYER GF EKIMKRQNKEQVPPPAESKKPVNKKQPKKVTAVASQNQKQGPFERS LEDALKALDVAA LQKELDKSQSVFTGNPSVWLKDLASYLNYKLQTPRMEPTLSQYP HDYPYSLVSREL RGII RGLLTKAAGSVELFFDHCLFTMLQELDKTPGESLHG YRICIQ AILQDKPKIVTSNLDKFL ELLRSHQSRPAKCLTIMWALGQAGFTNLTEGLKVWLGIML PVLGIKSLSPFAIAYLDRLL LMYPNLT KGFGMIGPKDFFPLLDFA YMPNNSLSPSLQE QLCQLFPRLKVLAFGAKPESSL HTYFPSFLSRATPSCPAAMKKELLASLTQCLTVDP LSTSVWRQLYPKHL SQSSLLLEHLL TSWEQIPKKARKCLQETIQSFTLTNQELLKKG SGSNEHVVTCDTACKGLLQQARGPRPPW ARLLLLLVFAVGFLCHDLRSHSSFQAS LTGRLLQSSGLLPVAQQVCAKLYSYSLQSYNW LQETLPACGSYLLAVVQPSLQLAW TYIYATFSFLSAYCASYLAFSDSLAGVLQRVQLPE ALHQLFHSLKELLLLFYHSVLLP MWHLLLAALA QVQEHCHEACRGEMTWDCIKTQFSTAA HWTWLC LQDVTVAFLDW

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	ALTMISQQ
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
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	Tmem214
Synonyms	Tmem214; Transmembrane protein 214
UniProt ID	A1L1L2

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