

Recombinant Full Length Mouse Vomeronasal Type-1 Receptor 54(Vmn1R54) Protein, His-Tagged

Cat. No. RFL29657MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Vomeronasal type-1 receptor 54(Vmn1r54) Protein (Q9EPB8) (1-315aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-315)
Form	Lyophilized powder
AA Sequence	MNKMNRLSHNTEIRNAIYSGVGIGISGNSFLLLFHIFKYIRGQRSRHIDLPIGLLSLIHL VMLIAMSLVATDIFMPWGRWGDTTCKCVISLYRFCRSLSLCATSLLSILQAVTLNPRN SC LEKFKRKSPHYMLGCLLFLSVFYTFISSPLATYITAKSNLTSPSFTYITTSCSLAPM SYS FHLTVFILLTSRDVIVGLMMLSSGYMVTFLGRHKKQSQFLHITSFSLKPSAEKR AMRTI LCLMSFFVLMYTLDSIVSYIRSIDDGQIFYCVHIFTAHGYATVSPFLILSTEKYII NIFR STFGRMVTIILLRNR
Purity	Greater than 90% as determined by 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

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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 Vmn1r54

Synonyms Vmn1r54; V1ra9; Vomeronasal type-1 receptor 54; Pheromone receptor VN7; Vomeronasal receptor 7; Vomeronasal type-1 receptor A9

UniProt ID [Q9EPB8](#)

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