

Recombinant Full Length Mouse Vomeronasal Type-1 Receptor 47(Vmn1R47) Protein, His-Tagged

Cat. No. RFL2845MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Vomeronasal type-1 receptor 47(Vmn1r47) Protein (Q9EQ51) (1-310aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-310)
Form	Lyophilized powder
AA Sequence	MNENSRLHTHSNIRNTFFSEIGIGISGNSFLLL FHIKFFRGHRPRLTDLPIGLLSLIHL L MLLVAAVIATDIFISWRGWNDIICKFLVYLYRSLRGLSLCTTSMLSVLQAIILSPRSYC L AKFKRKSSHNISCAIIFLSVLYMSISSHLFISITATLNLTMMNFLYVSQSCSLLPLSYL M QSMYSTLLVLREVFLIGLMVLSTSYMVALLCMHRKQAQNLQGTSLSLKTAPEQRATQ TI LMLMTFFVLMSIFDSIVSSSRAMFLDDSTCYSIYIFVMHIYATVSPFVFMSTEKHLV NFF RSMCEWIINM
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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

Vmn1r47

Synonyms

Vmn1r47; V1ra4; V1ra7; Vomeronasal type-1 receptor 47; Vomeronasal type-1 receptor A4; Vomeronasal type-1 receptor A7

UniProt ID

[Q9EQ51](#)

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