

Recombinant Full Length Rat Taste Receptor Type 2 Member 114(Tas2R114) Protein, His-Tagged

Cat. No. RFL695RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Taste receptor type 2 member 114(Tas2r114) Protein (Q9JKT8) (1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-309)
Form	Lyophilized powder
AA Sequence	MLGAMEGVLLSVATSEALLGIVGNTFIALVNCMDCTRKNKLYNIGFILTGLAISRICLV W ILITEAYIKIFSPQLLSPINIIE LISYLWIITSQLNVWFATSLSIFYFLKIANFSHHIFL WL KRRINIVFAFLIGCLLMSWLF SFPVVVKMVKDKKMLYINSSWQIHMKKSELIINYVFT N GGVLLFIIMLIVCFLLIISLWRHRSKWMQSNESGFRDLNTEVHVKTIKVLLSFIILFIL HLI GITINVICLLVPENLLFVFGLTIAFLYPCCHSLILILANSRLKRCFVRILQQLMCS EEGK EFRNT
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 Tas2r114

Synonyms Tas2r114; Tas2r5; Taste receptor type 2 member 114; T2R114; Taste receptor type 2 member 5; T2R5

UniProt ID [Q9JKT8](#)

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