

Recombinant Full Length Rat Trace Amine-Associated Receptor 4(Taar4) Protein, His-Tagged

Cat. No. RFL12894RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Trace amine-associated receptor 4(Taar4) Protein (Q923Y7) (1-347aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-347)
Form	Lyophilized powder
AA Sequence	<p>MNSPDLWYSPETQFCFAAANNNSCPRKARPALVVCAMYLVMIGAIVMTMLGNMVIIS</p> <p>IAH FKQLHSPTNFLILSMATTDFLSCVVMPSMVRSIESCWYFGDLFCKVHSCCDI</p> <p>MLCTTS IFHLCFISVDRHYAVCDPLHYVTQITVGVGVLISWSVPILFAFGLVFSEL</p> <p>NLIGAED FVAAIDCTGLCVLIFNKLWGVLASFIAFFLPGAIMVGIYIHIFTVARKHARKIG</p> <p>PGPRTK RALSESKMKATSGKESKATKTL SIVMGVFVLCWLPFFVLTITDPFIGFTTPE</p> <p>DLYNVFLW LGYFNSTFNPIIYGMFYPWFRKALRMIVTGTIFRSDSSTSSLHPAHP</p>
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

Taar4

Synonyms

Taar4; Ta2; Tar2; Trar2; Trace amine-associated receptor 4; TaR-4; Trace amine receptor 4; 2-phenylethylamine receptor; Trace amine receptor 2; TaR-2

UniProt ID

[Q923Y7](#)

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