

PRODUCT INFORMATION

Target	TAAR1
Synonyms	TA1, TAR1, TRAR1
Description	Recombinant human TAAR1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q96RJ0
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	TAAR1(Met1-Ala24) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.9 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The protein encoded by this gene is a G-protein coupled receptor activated by trace amines. The encoded protein responds little or not at all to dopamine, serotonin, epinephrine, or histamine, but responds well to beta-phenylethylamine, p-tyramine, octopamine, and tryptamine. While primarily functioning in neurologic systems, there is evidence that this gene is involved in blood cell and immunologic functions as well. This gene is thought to be intronless. [provided by RefSeq, Nov 2015]
Usage	Research use only
Conjugate	Unconjugated



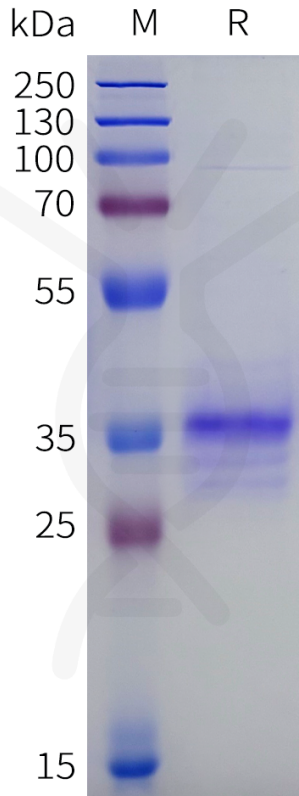


Figure 1. Human TAAR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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