

Recombinant Full Length Pan Troglodytes Taste Receptor Type 2 Member 42(Tas2R42) Protein, His-Tagged

Cat. No. RFL5086PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Pan troglodytes Taste receptor type 2 member 42(TAS2R42) Protein (Q646B8) (1-314aa), fused to N-terminal His tag, was expressed in E. coli.

Species Pan troglodytes

Source E.coli

ProteinLength Full Length (1-314)

Form Lyophilized powder

AA Sequence

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MATELDKIFLILEIAEFIIGMLGNVFIGLVNCSEGIKNQKVFSADFILTCLAISTIGQLF VIL
FDSFLVGLASHLYTTYRLGKPVIMLWHMTNHLTTWLATCLSIFYFFKIAHFPHSLFL W
LRWRMNGMIVMLLILSLFLLIFNSLVLEIFIDISLNIIDKSNLTYLDESKTVYDKLSI LKT
LLSLTSFIPFSLSLTSLLLFLFLSLVRHTRNLKSSLGSRDSSTEAHRRAMKMVMSFL F
LFIVHFFSLQVANWIFFMLWNNKYIKFAMLALNAFPSCHSFILILGNSKLRQTAVRLLW
HLRNYTKTPNPLPL
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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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	TAS2R42
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Synonyms	TAS2R42; TAS2R55; Taste receptor type 2 member 42; T2R42; T2R55
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UniProt ID	Q646B8
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