

# Recombinant Full Length Pan Troglodytes Taste Receptor Type 2 Member 40(Tas2R40) Protein, His-Tagged

**Cat. No.** RFL34623PF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Pan troglodytes Taste receptor type 2 member 40(TAS2R40) Protein (Q646B1) (1-323aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Pan troglodytes

**Source**      E.coli

**ProteinLength**      Full Length (1-323)

**Form**      Lyophilized powder

**AA Sequence**

MATVNTDATDKDISKFKVTFLLVVGIECITGILGSGFITAIYGAEWARGKTLPTGDRI  
M LMLSFSRSLSLQIWMMLLENIFSLFRIVYNQNSVYILFKVITVFLNHSNLWFAAWLKV  
FYC LRIANFNHPLFFLMKRKIIVLMPWLLRSLVLSLSFSFPLSRDVFNVVYVNSSIPIP  
SSNS TEKKYFSETNMVNLVFFYNMGIFVPLIMFILAATLLILSLKRHTLHMGSNATGS  
RDPSMK AHIGAIAKATSYFLILYIFNAIALFLSMSNIFDTYSSWNILCKIIMAAYPAGHSV  
QLILGN PGLRRRAWKRFQHQVPLYLKGQTL

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

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|------------------|---------|
| <b>Gene Name</b> | TAS2R40 |
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| <b>Synonyms</b> | TAS2R40; Taste receptor type 2 member 40; T2R40 |
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| <b>UniProt ID</b> | <a href="#">Q646B1</a> |
|-------------------|------------------------|

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