

Recombinant Full Length Pan Paniscus Taste Receptor Type 2 Member 45(Tas2R45) Protein, His-Tagged

Cat. No. RFL10561PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pan paniscus Taste receptor type 2 member 45(TAS2R45) Protein (Q5Y4Z8) (1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pan paniscus
Source	E.coli
ProteinLength	Full Length (1-309)
Form	Lyophilized powder
AA Sequence	MITFLPIIFSILVVVTFVIGNFANGFIALVNSTEWVKRQKISFADQIVTALAVSRVGLLW VLLLNWYSTVLNPAFYSVELRTTAYNIWAVTGHFSNWLATSLSIFYLLKIANFSNLIFL H LKRRVKSVILVMLLGPLLFLACHLFVVMNMNQIVWTKEYEGNMTWKIKLRRAMYLS TTVT MLANLVPFTVTLISFLLLVCSLCEHLKKMQLHGKGSQDPSTKVHIKALQTVISFL LLCAI YFVSVIISVWSFKNLENKPVFMFCQAIGFSCSSAHPFILIWGNKKLKQPFLSVL WQMRYW VKGEKPSSS
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**

TAS2R45

Synonyms

TAS2R45; Taste receptor type 2 member 45; T2R45

UniProt ID

[Q5Y4Z8](#)

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