

Recombinant Full Length Pongo Pygmaeus Taste Receptor Type 2 Member 31(Tas2R31) Protein, His-Tagged

Cat. No. RFL18245PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pongo pygmaeus Taste receptor type 2 member 31(TAS2R31) Protein (Q645V3) (1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pongo Pygmaeus
Source	E.coli
ProteinLength	Full Length (1-309)
Form	Lyophilized powder
AA Sequence	MITFLPTIFSILVVVIFVIGNFGNGFIALVNSIEWVKRQKISFADQILTALAVSRVGLLW A LLLNWYSTVFENPAFYSGVVRTTVYDVWTVTGHFNSWLATSLSIFYLLKIANFSNLIFL H LKRRVKSVILVMLLGPLLFLACQLFVINMKEILRTKEYEGNMTWKIKLRSAMYLSDA TIT TLANLVPFTLTLLSFLLLICSLCKHLNKMQLHGKGSQDPSTKVHIKVLQTVISFLLL CAI YFLSIMISVWSFGSLENKPVFMFCKAIRFSYPSIHPFILIWGNKKLKQTFLSVLRQ VRYW VKGEKPSSP
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.
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	TAS2R31
Synonyms	TAS2R31; TAS2R44; Taste receptor type 2 member 31; T2R31; Taste receptor type 2 member 44; T2R44
UniProt ID	Q645V3