

Recombinant human RTP4 protein

Catalog Number: ATGP2907

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-224aa

UniProt No.

Q96DX8

NCBI Accession No.

NP_071430

Alternative Names

Receptor (chemosensory) transporter protein 4, Receptor (chemosensory) transporter protein 4, IFRG28

PRODUCT SPECIFICATION

Molecular Weight

27.8 kDa (247aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing, 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

RTP4 belongs to the TMEM7 family. Recombinant human RPT4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MVVDFWT WEQTFQELIQ EAKPRATWTL KLDGNLQLDC LAQGWKQYQQ
RAFGWFRCSQ CQRSWASAQV QILCHTYWEH WTSQQQVRMR LFGQRCQKCS WSQYEMPEFS SDSTMRILSN
LVQHILKKYY GNGTRKSPKM PVILEVSLEG SHDTANCEAC TLGICGQGLK SCMTKPSKSL LPHLKTGNSS PGIGAVYLAN

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QAKNQSAEAK EAKGSGYEKL GPSRDPD

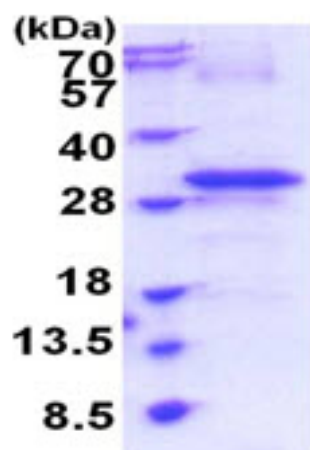
General References

Behrens, M., et al. (2006) *J. Biol. Chem.* 281 (29), 20650-20659

Clark, A.J., et al. (2005) *Trends Endocrinol. Metab.* 16 (10), 451-457

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)