

Product datasheet for **AR51727PU-S**

RTP4 (1-224, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RTP4 (1-224, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVDFWT WEQTFQELIQ EAKPRATWTL KLDGNLQLDC LAQGWKQYQQ RAFGWFRCS CQRSWASAQV QILCHTYWEH WTSQGQVRMR LFGQRCQKCS WSQYEMPEFS SDSTMRILSN LVQHILKKYY GNGTRKSP EM PVILEVSLEG SHDTANCEAC TLGICGQGLK SCMTKPSKSL LPHLKTGNSS PGIGAVYLAN QAKNQSAAEK EAKGSGYEKL GPSRDPD
Tag:	His-tag
Predicted MW:	27.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPT4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_071430
Locus ID:	64108
UniProt ID:	Q96DX8
Cytogenetics:	3q27.3
Synonyms:	IFRG28; Z3CXXC4

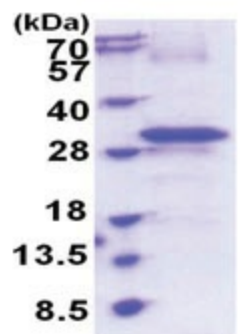


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Summary: Probable chaperone protein which facilitates trafficking and functional cell surface expression of some G-protein coupled receptors (GPCRs). Promotes functional expression of the bitter taste receptor TAS2R16 (PubMed:16720576). Also promotes functional expression of the opioid receptor heterodimer OPRD1-OPRM1 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)