

Full-Length

TPCN2 (Human) Recombinant Protein (P01)

Catalog # H00219931-P01

Size 50 ug

Specification

Product Description	Human TPCN2 full-length ORF (BAG51185.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MHPLVAAGNGQRRRAAGHPPVPLHHVRNAAVRWWEVMIPAYSKNRAYAIFFMFTVIGSLFLMNLTT AIYSQFRGYLMKSLQTSLFRRRLGTRAAFEVLSSMVGEGGAFPQAVGVKPNLLQVLQKVQLDS SHKQAMMEEVRSYGSVLLSAEEFQKLFNELDRSVVKEHPPRPEYQSPFLQSAQFLFGHYFDYL GNLIALANLVSICVFLVLDADVLP AERDDFILWNLMVVNNWQVFLDAYRRYSGPWSKMYFVLWWL VSSVIWVNLFLALILENFLHKWDPRSHLQPLAGTPEATYQMTVELLFRDILEEPEEDELTERLSQH PHLWLCR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	64.9
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TPCN2

Entrez GeneID	219931
GeneBank Accession#	AK023366.1
Protein Accession#	BAG51185.1
Gene Name	TPCN2
Gene Alias	FLJ41094, SHEP10, TPC2
Gene Description	two pore segment channel 2
Gene Ontology	Hyperlink
Gene Summary	TPCN2 is a putative cation-selective ion channel related to CATSPER (see CATSPER1; MIM 606389) and transient receptor potential channels (see TRPC1; MIM 602343) (Clapham and Garbers, 2005 [PubMed 16382101]).[supplied by OMIM]
Other Designations	two-pore calcium channel protein 2

Disease

- [Melanosis](#)