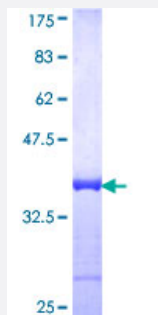


TPR (Human) Recombinant Protein (Q01)

Catalog # H00007175-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TPR partial ORF (NP_003283, 1 a.a. - 98 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAVLQQVLERTELNKLPKSVQNKLEKFLADQQSEIDGLKGRHEKFKVESEQQYFEIEKRLSHSQ ERLVNETRECQSLRLELEKLNNQLKALTEKNKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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 — TPR

Entrez GeneID	7175
GeneBank Accession#	NM_003292
Protein Accession#	NP_003283
Gene Name	TPR
Gene Alias	-
Gene Description	translocated promoter region (to activated MET oncogene)
Omim ID	189940
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias. [provided by RefSeq]
Other Designations	OTTHUMP00000033584 nuclear pore complex-associated protein TPR nucleoprotein TPR tumor potentiating region

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)