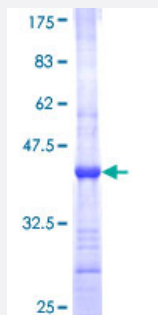


POP4 (Human) Recombinant Protein (Q01)

Catalog # H00010775-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POP4 partial ORF (NP_006618, 121 a.a. - 220 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TQPQMIQAKLLKADLHGAIISVTKSKCPSYVGITGILLQETKHIFKIITKEDRLKVIPKLNCVFTVETDGF ISYYGSKFQLRSSERSAKKFKAKGTIDL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (82); Rat (84)
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 — POP4

Entrez GeneID [10775](#)

GeneBank Accession# [NM_006627](#)

Protein Accession# [NP_006618](#)

Gene Name POP4

Gene Alias RPP29

Gene Description processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae)

Omim ID [606114](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes one of the protein subunits of the small nucleolar ribonucleoprotein complexes : the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is localized to the nucleus and associates directly with the RNA component of these complexes. This protein is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations 1110023P21Rik|POP4 (processing of precursor , S. cerevisiae) homolog