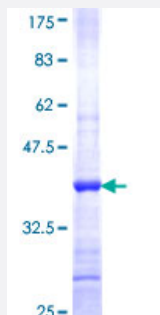


PGAP1 (Human) Recombinant Protein (Q01)

Catalog # H00080055-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PGAP1 partial ORF (NP_079265, 168 a.a. - 266 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VAIGHSMGGLVARALLTLKNFKHDLINLLITQATPHVAPVMPLDRFITDFYTTVNNYWILNARHINLTT LSVAGGFRDYQVRSGLTFLPKLSHHTSAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (90); Rat (89)
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 — PGAP1

Entrez GeneID	80055
GeneBank Accession#	NM_024989
Protein Accession#	NP_079265
Gene Name	PGAP1
Gene Alias	Bst1, FLJ42774, ISPD3024
Gene Description	post-GPI attachment to proteins 1
Omim ID	611655
Gene Ontology	Hyperlink
Gene Summary	PGAP1 catalyzes the inositol deacylation of glycosylphosphatidylinositol (GPI) at an early step in GPI biosynthesis. Inositol deacylation is essential for the generation of mature GPI capable of attachment to proteins (Tanaka et al., 2004 [PubMed 14734546]).[supplied by OMIM]
Other Designations	GPI deacylase GPI inositol-deacylase

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)