

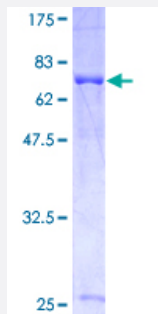
Full-Length

GPS1 (Human) Recombinant Protein (P01)

Catalog # H00002873-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GPS1 full-length ORF (AAH00155, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQIDVDPQEDPQNAPDVNYVVENPSLDLEQYAASYSGLMRIERLQFIADHCPTLRVEALKMALSF
VQRTFNVDMYEEIHRKLSEATRSSLRELQNAPDAIPESGVEPPALDTAWVEATRKKALLKLEKLD
TDLKNYKGNISIKESIRRGHDDLGDHYLDCGDLNALKCYSRARDYCTSAKHVINMCLNVIKVSVYL
QNWSHVLSYVSKAESTPEIAEQRGERDSQTQAILTKLKCAAGLAELAARKYQAAKCLLLASFDH
CDFPELLSPSNVAIYGGLCALATFDRQELQRNVISSSSFKLFLELEPQVRDIIFKFYESKYASCLKM
LDEMKNLLLDMYLAPHVRTLYTQIRNRALIQYFSPYVSADMRMAAFNTTVALEDELTLILEG
LISARVDSHSKILYARDVDQRSTTFEKSLLMGKEFQRRAKAMMLRAAVLRNQIHVKSPPREGSQG
ELTPANSQSRMSTNM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.88

Interspecies Antigen Sequence

Mouse (97); Rat (97)

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 — GPS1

Entrez GeneID	2873
GeneBank Accession#	BC000155.2
Protein Accession#	AAH00155
Gene Name	GPS1
Gene Alias	COPS1, CSN1, MGC71287
Gene Description	G protein pathway suppressor 1
Omim ID	601934
Gene Ontology	Hyperlink
Gene Summary	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalia n cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Arabidopsis FUS6/COP11 homolog