

Recombinant Full Length Human GPS1 Protein, GST-tagged

Cat. No. GPS1-5558HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPS1 full-length ORF (AAH00155, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	475 amino acids
Description	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian 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]
Molecular Mass	77.88 kDa
AA Sequence	MQIDVDPQEDPQNAPDVNYVVENPSLDLEQYAASYSGLMRIERLQFIADHCPTLRVE ALKMALSFVQRTFNVDMYEEIHRKLSEATRSSLRELQNAPDAIPESGVEPPALDTAW VEATRKKALLKLEKLDLTKNYKGNSIKESIRRGHDDLGDHYLDCGDLNALKCYSR ARDYCTSAKHVINMCLNVIKVSYYLQNWSHVLSYVSKAESTPEIAEQRGGERDSQTQA ILTKLKCAAGLAELAARKYKQAAKCLLLASFDHCDFPPELLSPSNVAIYGGLCALATFD RQELQRNVISSSSFKLFLELEPQVRDIIFKFYESKYASCLKMLDEMKNLLLDMYLAP HVRTLYTQIRNRALIQYFSPYVSADMHRMAAAFNTTVAALEDELTQLILEGLISARVD SHSKILYARDVDQRSTTFEKSLLMGKEFQRRAKAMMLRAAVLRNQIHVKSPPREGS

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QGELTPANSQSRMSTNM

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[GPS1 G protein pathway suppressor 1 \[Homo sapiens \]](#)

Official Symbol

[GPS1](#)

Synonyms

GPS1; G protein pathway suppressor 1; COP9 signalosome complex subunit 1; COPS1; CSN1; SGN1; GPS-1; signalosome subunit 1; JAB1-containing signalosome subunit 1; MGC71287;

Gene ID

[2873](#)

mRNA Refseq

[NM_004127](#)

Protein Refseq

[NP_004118](#)

MIM

[601934](#)

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UniProt ID

Q13098

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