

Recombinant Human GPS2 Protein, GST-tagged

Cat. No. GPS2-5296H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPS2 full-length ORF (AAH13652.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein involved in G protein-mitogen-activated protein kinase (MAPK) signaling cascades. When overexpressed in mammalian cells, this gene could potentially suppress a RAS- and MAPK-mediated signal and interfere with JNK activity, suggesting that the function of this gene may be signal repression. The encoded protein is an integral subunit of the NCOR1-HDAC3 (nuclear receptor corepressor 1-histone deacetylase 3) complex, and it was shown that the complex inhibits JNK activation through this subunit and thus could potentially provide an alternative mechanism for hormone-mediated antagonism of AP1 (activator protein 1) function. [provided by RefSeq]
Molecular Mass	61.71 kDa
AA Sequence	MPALLERPKLSNAMARALHRHIMMERERKRQEEEEVDKMMEQKMKEEQERRKKKE MEERMSLEETKEQILKLEEKLLALQEEKHQLFLQLKKVLHEEEKRRRKEQSDLTTTLTS AAYQQSLTVHTGTHLLSMQGGSPGGHNRPGTLMADRAKQMFGPQVLTTTRHYVGS AAAFAGTPEHGQFQGSPGGAYGTAQPPPHYGPTQPAYSPSQQLRAPSAFPAVQYL SQPQPQPYAVHGHFQPTQTGFLQPGGALSLQKQMEHANQQTGFSDSSSLRPMHP

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QALHPAPGLLASPQLPVQMMPAGKSGFAATSQPGPRLPFIQHSQNPRFYHK

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

GPS2 G protein pathway suppressor 2 [Homo sapiens]

Official Symbol

GPS2

Synonyms

GPS2; G protein pathway suppressor 2; GPS-2; AMF-1; MGC104294; MGC119287; MGC119288; MGC119289;

Gene ID

2874

mRNA Refseq

NM_004489

Protein Refseq

NP_004480

MIM

601935

UniProt ID

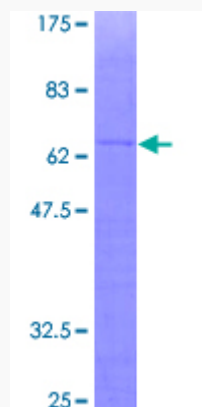
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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