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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GPS2 (Human) Recombinant Protein (P01)

Catalog Number: H00002874-P01

Regulation Status: For research use only (RUO)

Product Description: Human GPS2 full-length ORF (AAH13652.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPALLERPKLSNAMARALHRHIMMERERKRQEEEEVD
KMMEQMKKEEQERRKKKEMEERMSLEETKEQILKLE
EKLLALQEEKHQLFLQLKKVLHEEEKRRRKEQSDLTTL
TSAAYQQSLTVHTGTHLLSMQSGPGGHNRPGTLMAA
DRAKQMFQPQLVLTTRHYVGSAAAFAGTPEHGQFQGS
PGGAYGTAQPPPHYGPTQPAYSPSQQLRAPSAFFAV
QYLSQPQPQPYAVHGHFQPTQTGFLQPGGALSLQKQ
MEHANQQTGFSDSSSLRPMHPQALHPAPGLLASPQL
PVQMMPAGKSGFAATSQPGPRLPFIQHSQNPRFYHK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.71

Interspecies Antigen Sequence: Mouse (98); Rat (98)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 2874

Gene Symbol: GPS2

Gene Alias: AMF-1, MGC104294, MGC119287, MGC119288, MGC119289

Gene Summary: This gene encodes a protein involved in G protein-mitogen-activated protein kinase (MAPK) signaling cascades. When overexpressed in mammalian cells, this gene could potently 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]