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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GMPS (Human) Recombinant Protein (P01)

Catalog Number: H00008833-P01

Regulation Status: For research use only (RUO)

Product Description: Human GMPS full-length ORF (AAH12178, 1 a.a. - 693 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALCNGDSKLENAGGDLKDGHHHYEGAVVILDAGAQ
YGKVIDRRVRELFVQSEIFPLETPAFAIKEQGFRAIISG
GPNSSVYAEDAPWFDPAIFTIGKPVLGICYGMQMMNKV
FGGTVHKKSVREDGVFNISVDNTCSLFRGLQKEEVVL
LTHGDSVDKVDGFKVVARSGNIVAGIANESKKLYGA
QFHPEVGLTENGKVLKNFLYDIAGCSGTFVQNRELE
CIREIKERVGTSKVLVLLSGVDSTVCTALLNRALNQE
QVI AVHIDNGFMRKRESQSVEEALKKLGIVKVINA AH
SFYNGTTTLPISDEDRTPRKRISKTLNMTTSPEEKRII
GDTFVKIANEVIGEMNLKPEEVFLAQGTLRPDLIESASL
VASGKAELIKTHHNDTELIRKLREEGKVIEPLKDFHKDE
VRILGRELGLPEELVSRHPFPGPLAIRVICA EEPYICK
DFPETNNILKIVADFSASVKKPHTLLQRV KACTTEEDQ
EKLMQITSLHSLNAFLLPKTVGVQGD CRSYSYVCGISS
KDEPDWESLIFLARLIPRMCHNVNRVVYIFGPPVKEPP
TDVTPTFLT TGVLSTLRQADFEAHNILRESGYAGKISQ
MPVILTPLHFDRDPLQKQPSCQRSV VIRT FITSDFMTGI
PATPGNEIPVEVVLK MVTEIKKIPGISRIMYDLTSKPPGT
TEWE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 101.97

Interspecies Antigen Sequence: Mouse (97); Rat (97)

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: 8833

Gene Symbol: GMPS

Gene Alias: -

Gene Summary: In the de novo synthesis of purine nucleotides, IMP is the branch point metabolite at which point the pathway diverges to the synthesis of either guanine or adenine nucleotides. In the guanine nucleotide pathway, there are 2 enzymes involved in converting IMP to GMP, namely IMP dehydrogenase (IMPD1), which catalyzes the oxidation of IMP to XMP, and GMP synthetase, which catalyzes the amination of XMP to GMP. [provided by RefSeq]