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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DPM1 (Human) Recombinant Protein (P01)

Catalog Number: H00008813-P01

Regulation Status: For research use only (RUO)

Product Description: Human DPM1 full-length ORF (AAH08466.1, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MASLEVSRGPRRSRRELEVRSPRQNKYSVLLPTYNER
ENLPLIVWLLVKSFSSEGINYEIIIIIDDGSPDGTDRVAEQ
LEKIYGSDRILLRPREKKLGLGTAYIHGMKHATGNYIIIM
DADLSHHPKFIPEFIRKQKEGNFDIVSGTRYKNGGGVY
GWDLKRKIISRGANFLTQILLRPGASDLTGSFRLYRKE
VLEKLEKCVSKGYVFQMEMIVRARQMNYTIGEVPISF
VDRVYGESKLGNEIVSFLKGLLTLFATT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 56

Interspecies Antigen Sequence: Mouse (91); Rat (91)

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: 8813

Gene Symbol: DPM1

Gene Alias: CDGIE, MPDS

Gene Summary: Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the luminal side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expression of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. Human DPM1 lacks a carboxy-terminal transmembrane domain and signal sequence and is regulated by DPM2. [provided by RefSeq]