

Recombinant Human PMM1 protein ab101111

1 Image

Description

Product name	Recombinant Human PMM1 protein
Purity	> 90 % SDS-PAGE. ab101111 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q92871</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MAVTAQAARRKERVLCCL FDVDGTLTPARQK IDPEVAAFLQKLRSRVQIGVVGSDYCKIAEQLGDGDEVIE KFDYVFAEN GTVQYKHGRLLSKQTIQNLGEELLQDLINFCLSYMALLRL PKKRGTFIE FRNGMLNISPIGRSCTLEERIEFSELDKKEKIREKFVEALKT EFAGKGLR FSRGGMISFDVFPEGWDKRYCLDSLDQDSFDTIHFFGNE TSPGGNDFEIF ADPRTVGHSVSPQDTVQRCREIFFPETAHEA
Predicted molecular weight	32 kDa including tags
Amino acids	1 to 262
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab101111 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.00174% PMSF, 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. In addition, may be responsible for the degradation of glucose-1,6-bisphosphate in ischemic brain.

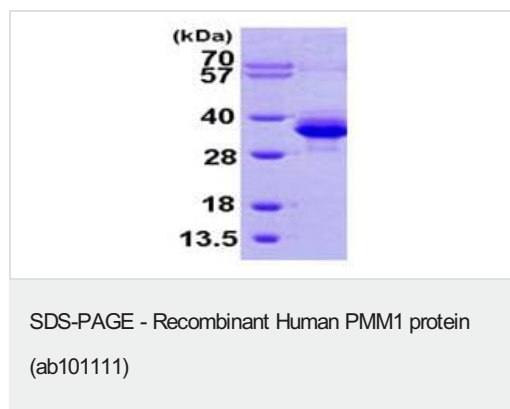
Tissue specificity Strong expression in liver, heart, brain, and pancreas; lower expression in skeletal muscle.

Pathway Nucleotide-sugar biosynthesis; GDP-alpha-D-mannose biosynthesis; alpha-D-mannose 1-phosphate from D-fructose 6-phosphate: step 2/2.

Sequence similarities Belongs to the eukaryotic PMM family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of 3µg ab101111.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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