

Product datasheet

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	Q92871	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MGSSHHHHHSSGLVPRGSHMAVTAQAARRKERVLC FDVDGTLTPARQK IDPEVA AFLQKLRSRVQIGVVGSDYCKIAEQLGDGDEVIE KFDYVFAEN GTVQYKHGRLLSKQTIQNHLEELLQDLINFCLSYMALLRL PKKRGTFIE FRNGMLNISPGRSCTLEERIEFSELDKKEKIREKFVEALKT EFAGKGLR FSRGGMISFDVFPEGWDKRYCLDSLQDSFDTIHFFGNE TSPGGNDFEIF ADPRTVGHSVVSPQDTVQRCREIFFPETAHEA</p>	
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.

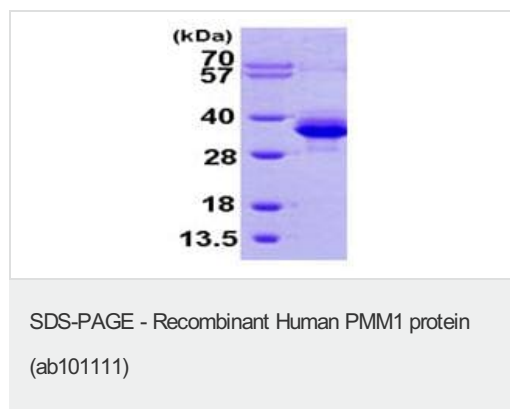
Tissue specificity Strong expression in liver, heart, brain, and pancreas; lower expression in skeletal muscle.

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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