

Product datasheet for **TP720250M**

Mutarotase (GALM) (NM_138801) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human galactose mutarotase (aldose 1-epimerase) (GALM)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Ala2-Ala342
Tag:	C-His
Predicted MW:	38.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_620156
Locus ID:	130589
UniProt ID:	Q96C23 , A0A384MDW6
Cytogenetics:	2p22.1
Synonyms:	BLOCK25; GALAC4; GLAT; HEL-S-63p; IBD1
Summary:	This gene encodes an enzyme that catalyzes the epimerization of hexose sugars such as glucose and galactose. The encoded protein is expressed in the cytoplasm and has a preference for galactose. The encoded protein may be required for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose.[provided by RefSeq, Mar 2009]
Protein Pathways:	Glycolysis / Gluconeogenesis



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Product images:

