

GALM Human

Description: GALM Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (1-342 a.a.) and having a molecular mass of 39.9 kDa. The GALM is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: ENPS-548

For research use only.

Synonyms: Aldose 1-epimerase, BLOCK25, IBD1, EC=5.1.3.3, GALM, galactose mutarotase.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MASVTRAVFG ELPSGGGTVE
KFQLQSDLLR VDIISWGCTI TALEVKDRQG RASDVVLGFA ELEGYLQKQP YFGAVIGRVA
NRIAKGTFCV DGKEYHLAIN KEPNSLHGGV RGFDKVLWTP RVLSNGVQFS RISPDGEEGY
PGELKVVWVY TLDGGELIVN YRAQASQATP VNLTNHSYFN LAGQASPNIN DHEVTIEADT
YLPVDETLIP TG

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

GALM Human solution containing 20mM Tris pH-8, & 10% glycerol.

Stability:

GALM Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.
Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

GALM is a main enzyme of carbohydrate metabolism catalysing the translation of beta-D-galactose to alpha-D-galactose. GALM is needed for normal galactose metabolism by preserving the equilibrium of alpha and beta anomers of galactose. GALM is required for the production of complex oligosaccharides.

To place an order, please [Click HERE](#).