

Human Sorbitol Dehydrogenase protein (active)

Cat. No. GTX67160-pro

Applications Functional Assay

Species Human

Package

10 µg

Applications

Application Note

Specific activity is > 15 units/mg, and is defined as the amount of enzyme that catalyze the reduction 1.0 µmole of D-fructose to D-sorbitol per minute at pH 7.5 at 37°C.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 10% Glycerol, 1mM DTT

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence

Full length protein, Length: 357 a.a. Sequence: MAAAKPNNL SLVHGPDL RLENYPIPEP GPNEVLLRMH SVGICGSDVH YWEYGRIGNF IVKKPMVLGH EASGTVEKVG SSVKHLKPGD RVAIEPGAPR ENDEFCKMGR YNLSPSIFFC ATPDDGNLC RFYKHNA AFC YKLPDNTFE EGALIEPLSV GIHACRRGGV TLGHKVLVCG AGPIGMVTLL VAKAMGAAQV VVTDLSATRL SKAKEIGADL VLQISKESPO EIARKVEGQL GCKPEVTIEC TGAEASIQAG IYATRS GGTL VLVGLGSEMT TVPLLHAAIR EVDIKGVFRY CNTWPVAISM LASKSVNVKP LVTHRFPLEK ALEAFETFKK GLGLKIMLKC DPSDQNP

Expression System E. coli

Purity > 90% by SDS-PAGE.

Conjugation Unconjugated

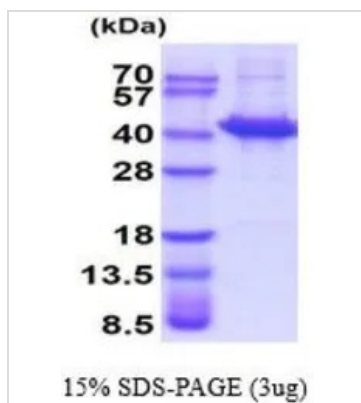
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DATA IMAGES



GTX67160-pro Image

3 μ g of GTX67160-pro Human Sorbitol Dehydrogenase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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