

HEXB Protein, Human, Recombinant (His)

General Information

Synonyms:	hexosaminidase B (beta polypeptide);ENC-1AS;hexosaminidase B (β polypeptide);HEL-248
Protein Construction:	A DNA sequence encoding the human HEXB (P07686) (Ala43-Met556) was expressed with a C-terminal polyhistidine tag. Predicted N terminal: Ala 43
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P07686
Molecular Weight:	60.2 kDa (predicted); 60-66 kDa (reducing conditions)

QC Testing

Biological Activity:	Measured by its ability to hydrolyze 4methylumbelliferylNacetyl β Dglucosaminide (4MUGlcNAc). The specific activity is > 3000 pmols/min/ μ g
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481