

## Active Recombinant Human HEXB protein, His-tagged

Cat. No. HEXB-302H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HEXB protein(P07686)(Ala43-Met556), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala43-Met556
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to hydrolyze 4methylumbelliferylNacetylβDglucosaminide(4MU GlcNAc). The specific activity is > 3000 pmols/min/μg.
<b>Molecular Mass</b>	The recombinant human HEXB comprises 525 amino acids and has a predicted molecular mass of 60.2 kDa. The apparent molecular mass of the protein is approximately 60-66 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per μg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [HEXB hexosaminidase B \(beta polypeptide\) \[ Homo sapiens \]](#)

**Official Symbol** [HEXB](#)

**Synonyms** [HEXB](#); hexosaminidase B (beta polypeptide); beta-hexosaminidase subunit beta; HCC-7; hexosaminidase subunit B; beta-N-acetylhexosaminidase subunit beta; cervical cancer proto-oncogene 7 protein; N-acetyl-beta-glucosaminidase subunit beta; ENC-1AS;

**Gene ID** [3074](#)

**mRNA Refseq** [NM\\_000521](#)

**Protein Refseq** [NP\\_000512](#)

**MIM** [606873](#)

**UniProt ID** [P07686](#)

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