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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HEXB (Human) Recombinant Protein (P01)

Catalog Number: H00003074-P01

Regulation Status: For research use only (RUO)

Product Description: Human HEXB full-length ORF (NP_000512.1, 1 a.a. - 556 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MELCGLGLPRPPMLLALLLATLLAAMLALLTQVALVVQ
VAEAAARAPSVSAKPGPALWPLPLSVKMPNLLHLAPE
NFYISHSPNSTAGPSCTLLLEAFRRYHGYIFGFYKWHH
EPAEFQAKTQVQQLLVISITLQSECDAFPNISSDES YLL
VKEPVAVLKANRVW GALRGLETFSQLVYQDSYGTFTI
NESTIIDSPRFSHRGILIDTSRHYLPVKIILKTL DAMAFNK
FNVLHWHIVDDQSFPYQSITFPELSNKGSYSLSHVYTP
NDVRMVEIYARLRGIRVLP EFDTPGHTLSWGKGQKDL
LTPCYSRQNKLDSFGPINPTLNTTYSFLTTFK EISEVF
PDQFIHLGGDEVEFKWESNPKIQDFMRQKGF GTFDKF
KLESFYIQKVLDIATINKGSIVWQEV FDDKAKLAPGTIV
EVWKDSAYPEELSRVTASGFPVILSAPWYLDLISYGQD
WRKYKVEPLDFGGTQKQKQLFIGGEACLWGEYVDA
TNLTPRLWPRASAVGERLWSSKDVRDMDDAYDRLTR
HRCRMVERGIAAQPLYAGYCNHENM

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.5

Interspecies Antigen Sequence: Mouse (78); Rat (74)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3074

Gene Symbol: HEXB

Gene Alias: ENC-1AS

Gene Summary: Hexosaminidase B is the beta subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II). [provided by RefSeq]