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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HEXB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003074-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

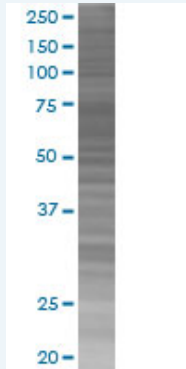
Plasmid: pCMV-HEXB full-length

Host: Human

Theoretical MW (kDa): 63.1

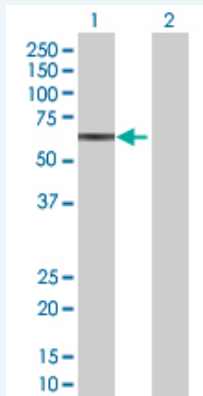
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-HEXB antibody (H00003074-B01) by Western Blots.

SDS-PAGE Gel



HEXB transfected lysate.

Western Blot



Lane 1: HEXB transfected lysate (63.1 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [3074](#)

GeneBank [NM_000521.2](#)
Accession#:

Protein =
Accession#:

Gene Name: [HEXB](#)

Gene Alias: [ENC-1AS](#)

Gene Description: [hexosaminidase B \(beta polypeptide\)](#)

Omim ID: [268800](#), [606873](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: [N-acetyl-beta-glucosaminidase](#), [OTTHUMP00000128232](#), [hexosaminidase B](#)

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#) [Glycosaminoglycan degradation](#)
[Glycosphingolipid biosynthesis - ganglio series](#)
[Glycosphingolipid biosynthesis - globo series](#) [Lysosome](#) [Metabolic pathways](#)
[Other glycan degradation](#)

Related Disease

[Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Tay-Sachs Disease](#)
[Tay-Sachs disease](#)