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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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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HEXA 293T Cell Transient Overexpression Lysate(Denatured)

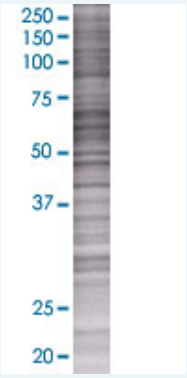
Catalog # : H00003073-T01 **規格 :** [100 uL]

List All

Specification

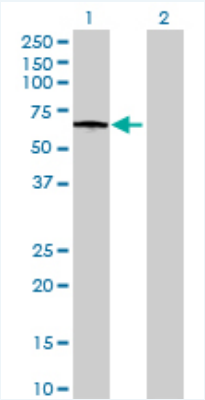
Transfected Cell Line:	293T
Plasmid:	pCMV-HEXA full-length
Host:	Human
Theoretical MW (kDa):	58.3
Quality Control Testing:	Transient overexpression cell lysate was tested with Anti-HEXA antibody (H00003073-B01) by Western Blots.

SDS-PAGE Gel



HEXA transfected lysate.

Western Blot



Lane 1: HEXA transfected lysate (58.3 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:	3073
GeneBank Accession#:	NM_000520.2
Protein Accession#:	NP_000511.1
Gene Name:	HEXA
Gene Alias:	MGC99608,TSD
Gene Description:	hexosaminidase A (alpha polypeptide)
Omim ID:	272800, 606869
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes the alpha 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. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I). [provided by RefSeq
Other Designations:	GM2 gangliosidosis,N-acetyl-beta-glucosaminidase,Tay Sachs disease,beta-N-acetylhexosaminidase,hexosaminidase A

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

Genetic Predisposition to Disease Sandhoff Disease Tay-Sachs Disease
Tay-Sachs disease