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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

HEXA (Human) Recombinant Protein (P01)

Catalog Number: H00003073-P01

Regulation Status: For research use only (RUO)

Product Description: Human HEXA full-length ORF (AAH18927, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTSSRLWFSLLLAAAFAGRATALWPWPQNFQTS DQR
YVLYPNNFQFQYDVSSAAQPGCSVLDEAFQRYRDL LF
GSGSWPRPYLTGKRHTLEKNVLVSVVTPGCNQLPTL
ESVENYTLTINDDQCLLLSETVWGALRGLETFSQLVW
KSAEGTFFINKTEIEDFPRFPHRGLLLDTSRHYLPLSSIL
DTLDVMAYNKLNVFHWHLVDDPSFPYESFTFPELMRK
GSYNPVTHIYTAQDVKEVIEYARLRGIRVLAEFDTPGH
TLSWGPGIPGLLTPCYSGSEPSGTFGPVNP SLNNTYE
FMSTFFLEVSSVFPDFYLHLGGDEVDFTCWKS NPEIQ
DFMRKKGFGEDFKQLESFYIQTL LDIVSSYGKGYVWV
QEVFDNKVKIQPDTIIQVWREDIPVNYMKELELVTKAG
FRALLSAPWYLNRI SYGPDWKDFYVVEPLAFEGTPEQ
KALVIGGEACMWGEYVDNTNLV PRLWPRAGAVAERL
WSNKLTSDLTFAYERLSHFRCCELLRRGVQAQPLNVGF
CEQEFEQT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 83.93

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: 3073

Gene Symbol: HEXA

Gene Alias: MGC99608, TSD

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]