

HEXDC Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP22102a

Specification

HEXDC Blocking Peptide (N-Term) - Product Information

Primary Accession

[Q8WVB3](#)**HEXDC Blocking Peptide (N-Term) - Additional Information**

Gene ID 284004

Other Names

Hexosaminidase D, 3.2.1.52, Beta-N-acetylhexosaminidase, Beta-hexosaminidase D, Hexosaminidase domain-containing protein, N-acetyl-beta-galactosaminidase, HEXDC

Target/Specificity

The synthetic peptide sequence is selected from aa 155-166 of HUMAN HEXDC

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HEXDC Blocking Peptide (N-Term) - Protein InformationName HEXD ([HGNC:26307](#))**Function**

Has hexosaminidase activity. Responsible for the cleavage of the monosaccharides N-acetylglucosamine (GlcNAc) and N-acetylgalactosamine (GalNAc) from cellular substrates. Has a preference for galactosaminide over glucosaminide substrates (PubMed:27149221).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q3U4H6}. Nucleus {ECO:0000250|UniProtKB:Q3U4H6}. Extracellular vesicle

Tissue Location

Expressed in synovial fibroblasts and synovial membranes.

HEXDC Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HEXDC Blocking Peptide (N-Term) - Images

HEXDC Blocking Peptide (N-Term) - Background

Has hexosaminidase activity.

HEXDC Blocking Peptide (N-Term) - References

Gutternigg M.,et al.Biochem. J. 419:83-90(2009).

Zody M.C.,et al.Nature 440:1045-1049(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).