



Human IDS blocking peptide (CDBP1549)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-IDS antibody
Antigen Description	The protein encoded by this gene belongs to the sulfatase family, is localized to the lysosome, and is involved in lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this gene are associated with the X-linked lysosomal storage disease, mucopolysaccharidosis type II, also known as Hunter syndrome. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Aug 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	IDS iduronate 2-sulfatase [Homo sapiens]
Official Symbol	IDS
Synonyms	IDS; iduronate 2-sulfatase; SIDS; Hunter syndrome; idursulfase; iduronate 2-sulfatase 14 kDa chain; iduronate 2-sulfatase 42 kDa chain; alpha-L-iduronate sulfate sulfatase; MPS2;
Entrez Gene ID	3423

mRNA Refseq	NM_000202
Protein Refseq	NP_000193
UniProt ID	P22304
Chromosome Location	Xq27.3-q28
Pathway	Dermatan sulfate degradation, organism-specific biosystem; Dermatan sulfate degradation, conserved biosystem; Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Heparan sulfate degradation, organism-specific biosystem; Heparan sulfate degradation, conserved biosystem; Lysosome, organism-specific biosystem;
Function	catalytic activity; hydrolase activity; iduronate-2-sulfatase activity; metal ion binding; sulfuric ester hydrolase activity;