

Recombinant Human IDS Protein, MYC/DDK-tagged

Cat. No. IDS-993H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IDS protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the sulfatase family of proteins. The encoded preproprotein is proteolytically processed to generate two polypeptide chains. This enzyme is involved in the 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. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	59.2 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	IDS iduronate 2-sulfatase [Homo sapiens]
Official Symbol	IDS
Synonyms	MPS2; SIDS
Gene ID	3423
mRNA Refseq	NM_000202
Protein Refseq	NP_000193
MIM	300823
UniProt ID	P22304

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