

Recombinant Human IDS Protein

Catalog #	Source	Reactivity	Applications
CST1909	E. coli	H	
Description	Recombinant Human IDS Protein is produced by E. coli expression system and the target gene encoding Arg271-Leu410 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	IDS		
Alternative Names	SIDS; Iduronate 2-sulfatase; Alpha-L-iduronate sulfate sulfatase; Idursulfase		
Entrez Gene	3423		
SwissProt	P22304		
Purity			
Chemical Structure	RQREDVQALN ISVPYGPIPV DFQRKIRQSY FASVSYLDTQ VGRLLSALDD LQLANSTIIA FTSDHGWALG EHGEWAKYSN FDVATHVPLI FYVPGRTASL PEAGEKLFPY LDPFDSASQL MEPGRQSM DL VELVSLFPTL		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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