

## Iduronate 2-Sulfatase Human Recombinant

<b>Item Number</b>	rAP-1825
<b>Synonyms</b>	Iduronate 2-Sulfatase, Alpha-L-Iduronate Sulfate Sulfatase, SIDS, Iduronate 2-Sulfatase 14 KDa Chain, Iduronate 2-Sulfatase 42 KDa Chain, Hunter Syndrome, EC 3.1.6.13, MPS2, Iduronate 2-sulfatase, Alpha-L-iduronate sulfate sulfatase.
<b>Description</b>	IDS Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 533 amino acids (26-550a.a) and having a molecular mass of 60.3kDa. (Molecular size on SDS-PAGE will appear at approximately 35-70kDa). IDS is fused to an 8 amino acid His-tag at C-terminus
<b>Uniprot Accession Number</b>	P22304
<b>Amino Acid Sequence</b>	SETQANSTTD ALNVLLIIVD DLRPSLGCYD DKLVRSPNID QLASHSLLFQ NAFAQQAVCA PSRVSFLTGR RPDTRRLYDF NSYWRVHAGN FSTIPQYFKE NGYVTMSVGK VFHPGISSNH TDDSPYSWSF PPYHPSSEKY ENTKTCRGPD GELHANLLCP VDVLDPVEGT LPDKQSTEQA  IQLLEKMKTS ASPFLAVGY HKPHIPFRYP KEFQKLYPLE NITLAPDPEV PDGLPPVAYN PWMDIRQRED VQALNISVPY GPIPVDFQRK IRQSYFASVS YLDTQVGRLL SALDDLQLAN
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	IDS protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**