

RPPB1846

---

## Product Information    Protein Information

**Product SKU:**

RPPB1846

**Accession:**

P22304

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

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 & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

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.

**Formulation:**

IDS protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

SETQANSTTD ALNVLLIIVD DLRPSLGCYG DKLVRSPNID QLASHLLFQ NAFAQQAVCA PSRVSFLTGR  
RPDTTRLYDF NSYWRVHAGN FSTIPQYFKE NGYVTMSVGK VFHPGISSNH TDDSPYSWSF PPYHPSEKY  
ENTKTCRGPD GELHANLLCP VDVLDPVEGT LPDKQSTEQA IQLLEKMKTS ASPFFLAVGY HKPHIPFRYP  
KEFQKLYPLE NITLAPDPEV PDGLPPVAYN PWMDIRQRED VQALNISVPY GPIPVDFQRK IRQSYFASVS  
YLDTQVGRLL SALDDLQLAN STIIAFTSDH GWALGEHGEW AKYSNFDVAT HVPLIFVVPV RTASLPEAGE  
KLFPPYLDPFD SASQLMEPGR QSMDLVVELVS LFPTLAGLAG LQVPPRCVVP SFHVELCREG KNLLKHFRFR  
DLEEDPYLPG NPRELIAYSQ YRPSDIPQW NSDKPSLKD I KIMGYSIRTI DYRYTVWVGF NPDEFLANFS  
DIHAGELYFV DSDPLQDHNM YNDSQGGDLF QLLMPLEHHH HHH.