

RPPB1410

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## Product Information    Protein Information

**Product SKU:**

RPPB1410

**Accession:**

P15289

**Host:**

Escherichia Coli.

**Protein description:**

ARSA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 512 amino acids (21-509) and having a molecular mass of 54.3kDa. ARSA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Arylsulfatase A, ASA, EC 3.1.6.8, Cerebroside-sulfatase, ARSA, MLD.

**Formulation:**

The ARSA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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:**

MGSSHHHHHH SSSLVPRGSH MGRPPNIVL IFADDLGYGD LGCYGHPSST TPNLDQLAAG GLRFTDFYVP  
VSLCTPSRAA LLTGRLPVRM GMYPGVLVPS SRGGLPLEEV TVAEVLAARG YLTGMAGKWH LGVGPEGAF  
PPHQGFHRL GIPYSHDQGP CQNLTCFPPA TPCDGGCDQG LVPIPLLNL SVEAQPWLP GLEARYMAFA  
HDLMADAQRQ DRPFFLYAS HHTHYQFSG QSFASRGRG PFGDSLMELE AAVGTLMTAI GDLGLEETL  
VIFTADNGPE TMRMSRGGCS GLLRCGKGT YEGGVREPAL AFWPGHIAPG VTHELASSLD LLPTLAALAG  
APLPNVTLDG FDLSPLLGT GKSPRQSLFF YPSYPDEVRG VFAVRTGKYK AHFFTQGSAAH SDTTADPACH  
ASSSLTAHEP PLYDLSKDP GENYNLLGGV AGATPEVLQA LKQLQLLKAQ LDAAVTFGPS QVARGEDPAL  
QICCHPGCTP RPACCHCPDP HA.