

RPPB1412

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## Product Information    Protein Information

**Product SKU:**

RPPB1412

**Accession:**

P50428

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

ARSA Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 498 amino acids (18-506 a.a.) and having a molecular mass of 53.2kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). ARSA is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Arylsulfatase A, ASA, Cerebroside-sulfatase.

**Formulation:**

ARSA protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95% 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:**

ADPSPPNILL IFADDLGYGD LGSYGHPSST TPNLDQLAEG GLRFTDFYVP VSLCTPSRAA LLTGRLPVRS  
GMYPGVLGPS SQGGLPLEEV TLAEVLAARG YLTGMAGKWH LGVGPEGAFLL PPHQGFHREFL GIPYSHDQGP  
CQNLTCFPPD IPCKGGCDQG LVPIPLLANL TVEAQPPWLP GLEARYVSFS RDLMADAQRQ GRPFLLYYAS  
HHTHYPQFSG QSFTKRSGRG PFGDSLMELELD GAVGALMTTV GDLGLLEETL VIPTADNGPE LMRMSNGGCS  
GLLRCGKGT FEGGVREPAL VYWPGHITPG VTHELASSLD LLPTLAALTG APLPNVTLDG VDISPLLLGT  
GKSPRKSFFF YPPYPDEIHG VFAVRNGKYK AHFFTQGSAAH SDTSDPACH AANRLTAHEP PLYDLSQDP  
GENYNVLESI EGVSPALQA LKHIQLLKAQ YDAAMTFGPS QIAKGEDPAL QICCPSTP HPVCCHCPGS  
QSHHHHHH.