

Arylsulfatase A Mouse Recombinant

Item Number	rAP-1828
Synonyms	Arylsulfatase A, ASA, Cerebroside-sulfatase.
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-
Uniprot Accession Number	P50428
Amino Acid Sequence	ADPSPPNILL IFADDLGYGD LGSYGHPSST TPNLDQLAEG GLRFTDFYVP VSLCTPSRAA LLTGRLPVRS GMYPGVLGPS SQG- GLPLEEV TLAEVLAARG YLTGMAGKWH LGVGPEGAF LPPHQGFHRFL GIPYSHDQGP CQNLTCFPPD IPCK- GGCDQG LVPIPLLNL TVEAQPPWLP GLEARYVSFS RDLMAAQRQ GRPFLLYAS HHTHYQFSG QSFTKRSGRG PFGDSLME LD GAVGALMTTV GDLGLLEETL VIFTADNGPE LMRMSNGGCS GLLRCGKGT
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	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.
Formulation and Purity	ARSA protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**