

Recombinant Human ARSA Protein

Catalog #	Source	Reactivity	Applications
CRP1080	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human ARSA Protein is produced by our mammalian expression system and the target gene encoding Arg19-Ala507 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 μ M filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.

Gene Symbol ARSA

Alternative Names Arylsulfatase A; ASA; Cerebroside-sulfatase

Entrez Gene 410 (Human)

SwissProt P15289 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure RPPNIVLIFA DDLGYGDLGC YGHPSTTPN LDQLAAGGLR FTDFYVPVSL CTPSRAALL
 GRLPVRMGMY PGVLVPSSRG GLPLEEVTVA EVLAARGYLT GMAGKWHLGV
 GPEGAFPPH QGFHRFLGIP YSHDQGPCQN LTCFPPATPC DGGCDQGLVP IPLLANLSVE
 AQPPWLPGLE ARYMAFAHDL MADAQRQDRP FFLYYASHHT HYPQFSGQSF
 AERSGRGPFPG DSLMELDAAV GTLMTAIGDL GLEETLVIF TADNGPETMR MSRGGCSGLL
 RCGKGTTYEG GVREPALAFW PGHIAPGVTH ELASSDLLP TLAALAGAPL PNVTLDGFDL
 SPLLLGTGKS PRQSLFFYPS YPDEVRGVFA VRSGKYKAHF FTQGSAHSDT TADPACHASS
 SLTAHEPPLL YDLKDPGEN YNLLGGVAGA TPEVLQALKQ LQLLKAQLDA AVTFGPSQVA
 RGEDPALQIC CHPGCTPRPA CCHCPDPHAV DHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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