

Product datasheet for PH305857

Arylsulfatase D (ARSD) (NM_001669) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARSD MS Standard C13 and N15-labeled recombinant protein (NP_001660)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205857
Predicted MW:	64.86 kDa
Protein Sequence:	>RC205857 representing NM_001669 Red=Cloning site Green=Tags(s)

MRSAARRGRAAPAARDSLPVLLFLCLLLKTCEPKTANAFKPNILLIMADDLGTGDLGCYGNNTLRTPNID
QLAEEGVRLTQHLLAAAPLCTPSRAAFLTGRHSFRSGMDASNGYRALQWNAGSGGLPENETTFARILQQHG
YATGLIGKWHQGVNCSARGDHCHHPLNHGFDFYFGMPFTLTNDGDPGRPPEVDAALRAQLWGYTQFLALG
ILTLAAGQTCGFFSVSARAVTGMAGVGLFFISWYSSFGFVRRWNCILMRNHDVTEQPMVLEKTASLMLK
EAVSYIERHKHGPFLFLSLLHVHIPLVTTSAFLGKSQHGLYGDNVEEMDWLIGKVLNAIEDNGLKNSTF
TYFTSDHGGHLEARDGHSQLGGWNGIYKGGKMGWEGGIRVPGIFHWPVLPAGRVIGEPTSLMDVFPT
VVQLVGGVEVPQDRVIDGHSLVPLLQGAEARSAHEFLFHYCGQHLHAARWHQKDSGSVWKVHYTTTPQFHPE
GAGACYGRGVCPCSGEGVTHHRPPLLFDLSRDPSEARPLTPDSEPLYHAVIARVGAHVSEHRQTLSPVPQ
QFSMSNILWKPWLQPCCGHFPFCSCHEGDGTP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001660
RefSeq Size:	5159
RefSeq ORF:	1779



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Synonyms: ASD

Locus ID: 414

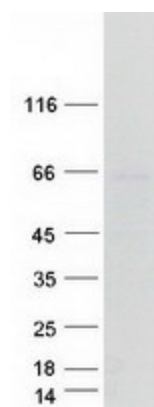
UniProt ID: [P51689](#), [A0A140VK06](#)

Cytogenetics: Xp22.33

Summary: The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postrationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y. [provided by RefSeq, Jul 2011]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified ARSD protein (Cat# [TP305857]). The protein was produced from HEK293T cells transfected with ARSD cDNA clone (Cat# [RC205857]) using MegaTran 2.0 (Cat# [TT210002]).