

Product datasheet for **TP524881**

Arsb (NM_009712) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse arylsulfatase B (Arsb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224881 representing NM_009712 Red =Cloning site Green =Tags(s)

MGKLSPTGRSRPGGPGPQLPLLLLLLQLLLLLSPARASGATQPPHWFVLADDLGWNDLGFHGSVIRT
PHDLAAGGVLDNYYVQPLCTPSRSQLLTGRYQIHLGLQHLYLIMTCQPSCVPLDEKLLPQLLKEAGYA
THMVGKWHLGMRYKECLPTRRGFDYFGYLLGSEYDYEACAPIESLNGTRCALDLRDGEEPKEYNNI
YSTNIFTKRATTVIANHPPEKPLFLYLAFQSVHDPLQVPEEYMEPYGFIQDKHRRYAGMVSLMDEAVGN
VTKALKSHGLWNNTVFIFSTDNNGGQTRSGGNNWPLRGRKGLWEGGIRGTGFVASPLLKQKGVKSRELMH
ITDWLPTLVDLAGGSTNGTKPLDGFNMWKTISEGHPSRVELLHNIDQDFDGLPCPGKNMTPAKDDSF
LEHSFNTSIHAGIRYKNWKLGTGHPGCGYWFPPPSQSNVSEIPPVDPPTKTLWLFDINQDPEERHDVSR
EHPHIVQNLLSRLQYYHEHSVPSHFPLDPRCDPKSTGVWSPWM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033842



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Locus ID:	11881
UniProt ID:	P50429 , A0A0R4I138
RefSeq Size:	3989
Cytogenetics:	13 47.88 cM
RefSeq ORF:	1602
Synonyms:	1110007C02Rik; AI480648; As-1; As-1r; As-1s; As-1t; As1; As1-r; As1-s; As1-t; Asr-1; Ast-1
Summary:	Removes sulfate groups from chondroitin-4-sulfate (C4S) and regulates its degradation (By similarity). Involved in the regulation of cell adhesion, cell migration and invasion in colonic epithelium (By similarity). In the central nervous system, is a regulator of neurite outgrowth and neuronal plasticity, acting through the control of sulfate glycosaminoglycans and neurocan levels (By similarity).[UniProtKB/Swiss-Prot Function]