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Product datasheet for TP508926

Arx (NM_007492) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aristaless related homeobox (Arx), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208926 representing NM_007492 Red=Cloning site Green=Tags(s) MSNQYQEEGCSERPECKSKSPTLLSSYCIDSILGRRSPCKMRLLGAAQSLPAPLASRADQEKAMQGSPKS SSAPFEAELHLPPKLRRLYGPGGGRLLQGAAAAAAAAAAAAAAAATATGTAGPRGEVPPPPPPAARPGERQ DSAGAVAAAAAAAAWDTLKISQAPQVSISRSKSYRENGAPFVPPPPALDELSGPGGVAHPEERLSAASGP GSAPAAGGGTGAEDDEEELLEDEEDEEEEEELLEDDDEELLEDDARALLKEPRRCSVATTGTVAAAAAAA AAAVATEGGELSPKEELLLHPEDAEGKDGEDSVCLSAGSDSEEGLLKRKQRRYRTTFTSYQLEELERAFQ KTHYPDVFTREELAMRLDLTEARVQVWFQNRRAKWRKREKAGAQTHPPGLPFPGPLSATHPLSPYLDASP FPPHHPALDSAWTAAAAAAAAAFPSLPPPPGSASLPPSGAPLGLSTFLGAAVFRHPAFISPAFGRLFSTM APLTSASTAAALLRQPTPAVEGAVASGALADPATAAADRRASSIAALRLKAKEHAAQLTQLNILPGTSTG KEVC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	58.9 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.

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RefSeq:	NP_031518
Locus ID:	11878
UniProt ID:	O35085
RefSeq Size:	2759
Cytogenetics:	X 41.05 cM
RefSeq ORF:	1692
Synonyms:	Ar; Arx1
Summary:	This gene encodes a transcription factor that plays an important role in the development of forebrain. Male mice lacking this gene have smaller brains, olfactory bulbs and testes, and die within half a day after birth. Mice lacking this gene specifically in ganglionic eminence-derived neurons, including cortical interneurons, develop seizures. Mutations in this gene have been demonstrated to cause mouse phenotypes resembling human X-linked lissencephaly and cognitive disability with epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]