

Product datasheet for TP517252

Aasdh (NM_173765) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse amino adipate-semialdehyde dehydrogenase (Aasdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217252 protein sequence Red=Cloning site Green=Tags(s)

MTLQELVLR TASVYMDRTAVCFDEGNNQPPVCYSYKALLSAAEELSHFLIAHCDFFGIREIGLYCQPGIN
LPSWILGILQVPAAYAPIDPDSPPSLSTYFMKKCDLKYVLEKQQLSKFKSSHETVLNYD TVSVEHKDLA
LFRLHWEDGRVSTVLGDRADQHKVTDREDRVSAESRTPEKEHMDMRHDGCLAYVLHTSGTTGTPKIVRVP
HACILPNIQHFRSLFDITQEDILFLASPLTFDPSVVEIFVLSLSSGACLLIVPTSVKVLPSKLADILFSRH
RVTVLQATPTLLRRFGSELIKSTVLSAHTSLRVLALGGEAFPSLTILKSWRGKGNRTQIFNIYGITEVSS
WATFYRIPEEILNSAVKHESPVQLGSPLLGTVIEVRDQNGSPVLEGTGQVFLGGKNRVCFLDDEMTVPLG
TMRATGDFVTVKDGEIFFLGRKDSQIKRHGKRLNIALVQQVAEELRQVESC AVTWYNQERLILFIVSKVD
LVKDCIFKELQKHLPAHALPDDMVLIDTLPFTCHGKVDVSELNKIYLDYISSQPRNELHKGKEELWGKLY
LWKSILCLPEDPEDTLKVPANSVFLDSGGDSLKSMRLLSEIERLTGTAIPGLLEVLSSSLLDVYNHIVQ
AVFTPEDRKANRSYTTKRKFSADADPEEASGKPARLES AWPSNHAGETNSVIALSRGSQVLSLGAGRLTQ
LGLCLPVCSLDLIPQTNTQILKSLSPAPDENLEKPLPFQQGSPVVGAMAMALRERWRS DTGKCV DASPL
LVRAAVQDKPSTTVYIGSHSHTVKAVDLSSGETRWEQLLGDRIESSACVSKCGNFIVGVCYNGLVVYVLS
NSGEKYWTF TTEDAVKSSPAVDPTTGLIYVGSHDQHAYALDIYEKKCVWKLNCEGALFSSPCVSLSPHHL
YCATLGGLLLALNPASGSTVWKRSCGKPLFSSPRCYQYICIGCVDGSLLCFTHSGEQVWRFAAGGPIFS
SPCVSAAEQEIFFGSHDCFIYCCSKEGHLRWKFETTARVYATPFAFSNHPRSD DALLAAASTDGKLVWLE
SRSGELRSVYELPGEVFSSPVVWESMLVIGCRNNYIYCLDLLCGDKNNQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	121.6 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



[View online »](#)

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_776126
Locus ID:	231326
UniProt ID:	Q80WC9
RefSeq Size:	3694
Cytogenetics:	5 C3.3
RefSeq ORF:	3303
Synonyms:	A230062G08Rik; A830035E16; Acsf4; U26
Summary:	The gene product is a cytosolic enzyme involved in the production of alpha-amino adipic acid from alpha-amino adipic semialdehyde. It is postulated that this enzyme plays a role in lysine metabolism. There is currently debate regarding this enzyme's putative requirement of pyrroloquinoline quinone as an essential cofactor. A related pseudogene has been identified on chromosome 2. [provided by RefSeq, Jan 2010]