

Product datasheet for TP505567

Aldoc (NM_009657) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aldolase C, fructose-bisphosphate (Aldoc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205567 protein sequence Red =Cloning site Green =Tags(s) MPHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMAKRLSQIGVENTEENRRRLYRQVLFSAADDRV KKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGILVGIKVDKGVPLAGTDGETTTQGLDGLLERCAQYKK DGADFAKWRCVLKISDRTPSALAIENANVLARYASICQQNGIVPIVEPEILPDGDHDLKHCQYVTEKVL AAVYKALSDHHVYLEGTLKPNMVTGPGHACPIKYSPEEIAMATVTALRRTVPPAVPGVTFLSGGQSEEEA SLNLNAINRCPLPRPWALTFSYGRALQASALNAWRGQRDNAGAATEEFIKRAEMNGLAAQGRYEGSGDGG AAAQSLYVANHAY TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.3 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_033787
Locus ID:	11676
UniProt ID:	P05063


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RefSeq Size:	1702
Cytogenetics:	11 46.74 cM
RefSeq ORF:	1092
Synonyms:	AI847350; AI; Aldo3; AU040929; Scr; Scrg2
Summary:	<p>This gene encodes a member of the aldolase family of enzymes that is mainly expressed in neuronal tissues. The encoded protein is an enzyme of the glycolysis pathway, and catalyzes the conversion of fructose-1,6-bisphosphate to glyceraldehyde-3-phosphate and dihydroxyacetone phosphate. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]</p>