Recombinant Human ALDOC Protein, His-tagged

Cat. No. ALDOC-304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDOC fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	THis gene encodes a member of the class I fructose-biphosphate aldolase gene family. Expressed specifically in the hippocampus and Purkinje cells of the brain, the encoded protein is a glycolytic enzyme that catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively.
Form	Supplied as a 0.2 μM filtered solution of 20mM TrisHCl, 100mM NaCl, pH8.0
Molecular Mass	40.3kD
AA Sequence	PHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMAKRLSQIGVENTEENRRLY RQVLFSADDRVKKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGIVVGIKVDKGVVPLA GTDGETTTQGLDGLSERCAQYKKDGADFAKWRCVLKISERTPSALAILENANVLARY ASICQQNGIVPIVEPEILPDGDHDLKRCQYVTEKVLAAVYKALSDHHVYLEGTLLKPN MVTPGHACPIKYTPEEIAMATVTALRRTVPPAVPGVTFLSGGQSEEEASFNLNAINR CPLPRPWALTFSYGRALQASALNAWRGQRDNAGAATEEFIKRAEVNGLAAQGKYE GSGEDGGAAAQSLYIANHAYVDHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	ALDOC aldolase C, fructose-bisphosphate [Homo sapiens]
Official Symbol	ALDOC
Synonyms	ALDOC; aldolase C, fructose-bisphosphate; fructose-bisphosphate aldolase C; aldolase 3; fructoaldolase C; brain-type aldolase; fructose-1,6-biphosphate triosephosphate lyase; ALDC;
Gene ID	230
mRNA Refseq	NM_005165
Protein Refseq	NP_005156
MIM	103870
UniProt ID	P09972

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