

Recombinant Human ALDOC Protein, MYC/DDK-tagged

Cat. No. ALDOC-303H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human ALDOC fused with MYC/DDK 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 | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 39.3 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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| Gene Name | ALDOC aldolase C, fructose-bisphosphate [Homo sapiens] |
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| 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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