

Recombinant Human ALDOC protein, GST-tagged

Cat. No. ALDOC-301278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDOC (1-364 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Tyr364
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MPHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMARLSQIGVENTEENRRL YRQVLFSADDRVKKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGIVVGIVDKGVVPL AGTDGETTTQGLDGLSERCAQYKKDGADFAKWRCVLKISERTPSALAIENANVLAR YASICQQNGIVPIVEPEILPDGDHDLKRCQYVTEKVLAAYKALSDHHVYLEGTLLKP NMVTPGHACPIKYTPEEIAMATVTALRRTVPPAVPGVTFLSGGQSEEEASFNLNAIN RCPLPRPWALTFSYGRALQASALNAWRGQRDNAGAATEEFIKRAEVNGLAAQGKY EGSGEDGGAAAQSLYIANHAY
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).
	Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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