

## Product datasheet for **AR51895PU-N**

### Aldolase C / ALDOC (1-363, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Aldolase C / ALDOC (1-363, His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMPHSYP</u> ALSAEQKKEL SDIALRIVTP GKGILAADES VGSMARKLSQ IGVNTEENR RLYRQVLFS A DDRVKKCIGG VIFFHETLYQ KDDNGVPFVR TIQDKGILVG IKVDKGVVPL AGTDGETTTQ GLDGLLERCA QYKKDGADFA KWRCVLKISD RTPSALAILE NANVLARYAS ICQQNGIVPI VEPEILPDGD HDLKRCQYVT EKVLAAVYKA LSDHHVYLEG TLLKPNMVTP GHACPIKYSP EEIAMATVTA LRRTVPPAVP GVTFLSGGQS EEEASLNLNA INRCPLRPW ALTFYGRAL QASALNAWRG QRDNAGAATE EFIKRAEMNG LAAQGRYEGS GDGAAAQSL YIANHAY
Tag:	His-tag
Predicted MW:	41.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse Aldoc, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001290352</u>
Locus ID:	11676
UniProt ID:	<u>P05063</u>
Cytogenetics:	11 46.74 cM



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**Synonyms:** AI847350; AI; Aldo3; AU040929; Scr; Scrg2

**Summary:** 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]

**Product images:**

