

### **Product datasheet for AR51895PU-S**

#### OriGene Technologies, Inc.

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# 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, 0.1 mg

Species: Mouse Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMPHSYP ALSAEQKKEL SDIALRIVTP GKGILAADES VGSMAKRLSQ IGVENTEENR RLYRQVLFSA DDRVKKCIGG VIFFHETLYQ KDDNGVPFVR

TIQDKGILVG IKVDKGVVPL AGTDGETTTQ GLDGLLERCA QYKKDGADFA KWRCVLKISD

RTPSALAILE NANVLARYAS ICQQNGIVPI VEPEILPDGD HDLKRCQYVT EKVLAAVYKA LSDHHVYLEG

TLLKPNMVTP GHACPIKYSP EEIAMATVTA LRRTVPPAVP GVTFLSGGQS EEEASLNLNA INRCPLPRPW ALTFSYGRAL QASALNAWRG QRDNAGAATE EFIKRAEMNG LAAQGRYEGS

**GDGGAAAQSL 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.

**RefSeg:** NP 001290352

Locus ID: 11676 UniProt ID: <u>P05063</u>

Cytogenetics: 11 46.74 cM





**Synonyms:** Al847350; Al; Aldo3; AU040929; Scr; Scrg2

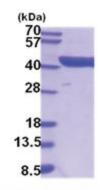
Summary: This gene encodes a member of the aldolase family of enzymes that is mainly expressed in

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:**



15% SDS-PAGE (3ug)