

Product Data Sheet

Recombinant Human ALDOA Protein

Catalog #	Source	Reactivity	Applications
CRP1039	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ALDOA Protein is produced by our E.coli expression system and the target gene encoding Pro2-Tyr364 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, pH 8.0.		
Gene Symbol	ALDOA		
Alternative Names	ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen NY-LU-1; Muscle-type aldolase		
Entrez Gene	226 (Human)		
SwissProt	P04075 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	PYQYPALTPE QKKELSDIAH RIVAPGKGIL AADESTGSIA KRLQSIGTEN TEENRRFYRQ LLLTADDRVN PCIGGVILFH ETLYQKADDG RPFQVVIKSK GGVVGIKVDK GVVPLAGTNG ETTTQGLDGL SERCAQYKKD GADFAKWRCV LKIGEHTPSA LAIMENANVL ARYASICQQN GIVPIVEPEI LPDGDHDLKR CQYVTEKVL AVYKALSDHH IYLEGTLLKP NMVTPGHACT QKFSHEEIAM ATVTALRRTV PPAVTGITFL SGGQSEEEAS INLNAINKCP LLKPWALTFS YGRALQASAL KAWGGKKENL KAAQEEYVKR ALANSLACQG KYTPSGQAGA AASESLFVSN HAYLEHHHHH H		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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