

Product Data Sheet

Recombinant Human ALDH1B1 Protein

Catalog #	Source	Reactivity	Applications
CST1480	E. coli	H	
Description	Recombinant Human ALDH1B1 Protein is produced by E. coli expression system and the target gene encoding Thr261-Pro360 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ALDH1B1		
Alternative Names	ALDH5; ALDHX; Aldehyde dehydrogenase X, mitochondrial; Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1		
Entrez Gene	219		
SwissProt	P30837		
Purity			
Chemical Structure	TGSTEVGHLI QKAAGDSNLK RVTLELGGKS PSIVLADADM EHAVEQCHEA LFFNMGQCCC AGSRTFVEES IYNEFLERTV EKAKQRKVGN PFELDTQQGP		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

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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