

Recombinant Human Alpha-enolase Protein

Catalog #	Source	Reactivity	Applications
CRP2569	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human Alpha-enolase Protein is produced by E.coli expression system and the target gene encoding Met1-Lys434 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µm filtered solution of 20mM Tris-HCl, 250mM NaCl, 1mM MgSO₄, 20%glycerol, Ph7.5 .

Gene Symbol ENO1

Alternative Names ENO1L1; MBPB1; MPB1; Alpha-enolase; 2-phospho-D-glycerate hydro-lyase; C-myc promoter-binding protein; Enolase 1; MBP-1; MPB-1; Non-neural enolase; NNE; Phosphopyruvate hydratase; Plasminogen-binding protein

Entrez Gene 2023 (Human)

SwissProt P06733 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MSILKIHARE IFDSRGNPTV EVDLFTSKGL FRAAVPSGAS TGIYEALRLR DNDKTRYMGK
GVSKAVEHIN KTIAPALVSK KLVNTEQEKI DKLMIEMDGT ENKSKFGANA ILGVSLAVCK
AGAVEKGVPL YRHIADLAGN SEVILPVPAP NVINGGSHAG NKLAMQEFMI LPVGAANFRE
AMRIGAEVYH NLKNVIKEY GKDATNVGDE GGFAPNILEN KEGLELLKTA IGKAGYTDKV
VIGMDVAASE FFRSGKYDLD FKSPDDPSRY ISPDQLADLY KSFIDYPPVV SIEDPFDQDD
WGAWQKFTAS AGIQVVGDDL TVTNPKRIAK AVNEKSCNCL LLKVNQIGSV TESLQACKLA
QANGWGVMS HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL LRIEEELGSK
AKFAGRNFNRN PLAKHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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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Product Data Sheet

Directions for Use Please 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.

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