

Enolase, Muscle Specific (MSE) Recombinant Protein | MSE recombinant protein

Recombinant Enolase, Muscle Specific (MSE)

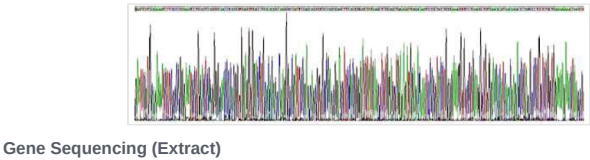
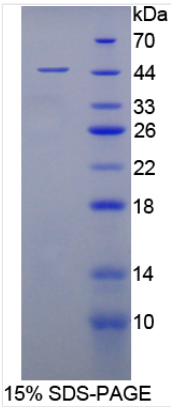
CATALOG # AAA20199	HOST E.coli	REACTIVITY Oryctolagus cuniculus (Rabbit)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Enolase; Muscle Specific (MSE); Recombinant Enolase; MSE recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Oryctolagus cuniculus (Rabbit)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	MQKIFAREIL DSRGNPTVEV DLHTAKGRFR AAVPSGASTG IYEALRLDG DKSRYLGKGV LKAVEHINKT LGPALLEKKL SVVDQEKVDK FMIELDGTEN KSKFGANAIL GVSLAVCKAG AAEGVPLYR HIADLAGNHD LVLPVPAFNV INGGSHAGNK LAMQEFMILP VGASSFREAM RIGAEVYHHL KGVIAKYGK DATNVGDEGG FAPNILENNE ALELLKTAIQ AAGYPDKVVI GMDVAASEFH RNGKYDLDFK SPDDPARHIT GQKLGEYKS FIKNYPVVS IEDPFDQDDWA TWTSFLSGVD IQIVGDDLTV TNPKRIAQAV EKKACNCLLL KVNQIGSVTE SIQACKLAQS NGWGVMSHR SGETEDTFIA DLVVLCTGQ IKTGAPCRSE RLAKYNQLMR IEEALGDKAV FAGRKFRNPK AK
Applicable Applications for MSE recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Met3–Lys434
Tags	N-terminal His Tag
Subcellular Location	Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723437
NCBI GeneID	100008769
NCBI Accession #	NP_001075554.1
NCBI GenBank Nucleotide #	NM_001082085.1
UniProt Accession #	P25704; Q9N0N6
Molecular Weight	Predicted Molecular Mass: 48.6kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	beta-enolase
NCBI Official Symbol	ENO3
NCBI Official Synonym Symbols	ENO1
NCBI Protein Information	beta-enolase; MSE; beta beta enolase; enolase 1, (alpha); muscle-specific enolase; skeletal muscle enolase; 2-phospho-D-glycerate hydro-lyase
UniProt Protein Name	Beta-enolase
UniProt Gene Name	ENO3
UniProt Synonym Gene Names	MSE
UniProt Entry Name	ENOB_RABIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/eno3-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20199>