

Immunoglobulin E (IgE) Recombinant Protein | IgE recombinant protein

Recombinant Immunoglobulin E (IgE)

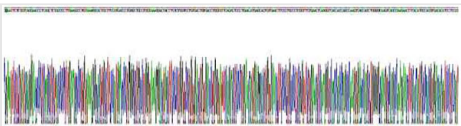
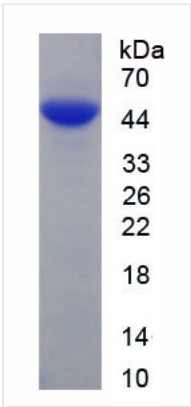
CATALOG # AAA21113	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Immunoglobulin E (IgE); Recombinant Immunoglobulin E (IgE); IGHE; Immunoglobulin Heavy Constant Epsilon; Ig epsilon chain C region; IgE recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for IgE 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	Ser1~Ser421
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
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

SINPOLVPL KPCKGTASHT LGCLVKDYFP NPVTUWYSD SLNHSVNFPP ALGSELKVTT SQVTSAGKSA KNFTCHNTHP
PSFNESTRIL VRPNITEPT LELLHSSCP NAHSTIQLV CFVGHILND YSVGLNDOR EITDTLAQTV LIKEEGKLAS
TCSKLNITEQ QMSESTFTC KYTSQGVYL AHTRCPOHE PROVITYLIP PSLDLVONG APKLTCLVD LSEKNWNT
WDERKTSVS ASQYTHHH NATTSITSIL PYAKDKIEG YGVCIYDHP DFPKPIVRSI TKTPQRSAP EYVVFPPPEE
ESEDKRLTE LQWPPFDDI SVONLGGKL ISNSQHSITT PLKNSGNGC PFIPSLLEVA KTLWTQRKQF TCQVTHEALQ
KPKKLEKTS TSLQNTSLRP S

Sequence Information

ADDITIONAL INFORMATION

Product Categories/Family for IgE recombinant protein	Infection immunity; Immune molecule; Hematology; Autoimmunity
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 51.0kDa Accurate Molecular Mass: 51kDa as determined by SDS-PAGE reducing conditions.
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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.