

Epithelial Neutrophil Activating Peptide 78 (ENA78) Recombinant Protein | ENA78 recombinant protein

Recombinant Epithelial Neutrophil Activating Peptide 78 (ENA78)

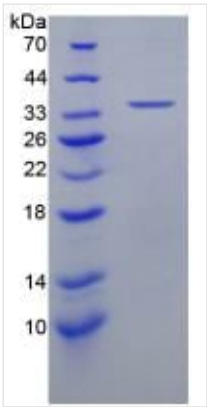
CATALOG # AAA133877	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Epithelial Neutrophil Activating Peptide 78 (ENA78); Recombinant Epithelial Neutrophil Activating Peptide 78 (ENA78); ENA78 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-GPAAAVL RELRCVCLQT TQGVHPKMIS NLQVFAIGPQ CSKVEVVASL KNGKEICLDP EAPFLKKVIQ KILDGGNKEN
Sequence Length	114
Applicable Applications for ENA78 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly38~Asn114 (Accession # P42830) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.5
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

GPA AAVLRELRCV
CLQTTQGVHP KMISNLQVFA IGPQCSKVEV VASLKNKGEI CLDPEAPFLK
KVIQKILDGG NKEN

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506849
NCBI GeneID	6374
NCBI Accession #	NP_002985.1
NCBI GenBank Nucleotide #	NM_002994.4
UniProt Accession #	P42830; Q96QE1
Molecular Weight	40.3kDa
NCBI Official Full Name	C-X-C motif chemokine 5
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 5
NCBI Official Symbol	CXCL5
NCBI Official Synonym Symbols	SCYB5; ENA-78
NCBI Protein Information	C-X-C motif chemokine 5; neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; epithelial-derived neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating peptide 78)
UniProt Protein Name	C-X-C motif chemokine 5
UniProt Gene Name	CXCL5
UniProt Synonym Gene Names	ENA78; SCYB5
UniProt Entry Name	CXCL5_HUMAN

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.