

HERC5 recombinant protein

HERC5, 681-1024aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48867	HOST E Coli	APPLICATIONS SDS-Page
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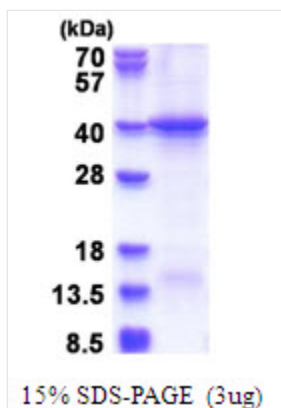
PRODUCT SYNONYMS

HERC5; 681-1024aa; Human; His tag; E Coli (Denatured); E3 ISG15-protein ligase HERC5; CEB1; CEBP1; HERC5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSFDLTVRR NHLIEDVLNQ LSQFENEDLR KELWVSFSGE IGYDLGGVKK EFFYCLFAEM IQPEYGMFMY PEGASCMWFP VKPKFEKKRY FFFGVLCGLS LFNCNVANLP FPLALFKLL DQMP SLEDLK ELSPDLGKNL QTLDDDEGDN FEEVFYIHFN VHWDRNDTNL IPNGSSITVN QTNKR DYVSK YINYIFNDSV KAVYEEFRRG FYKMCDEDII KLFHPPEELKD VIVGNTDYDW KTFEKNARYE PGNSSHPTI VMFWKAFHKL TLEEKKKFLV FLTGTDLRLQM KDLNNMKITF CCPESWNERD PIRALTCSV LFLPKYSTME TVEEALQEAI NNNRGFG
Sequence Length	1024
Applicable Applications for HERC5 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HERC5 recombinant protein	HERC5 is a member of the HERC family of ubiquitin ligases. It is a protein with a HECT domain and five RCC1 repeats. The protein localizes to the cytoplasm and perinuclear region and functions as an interferon-induced E3 protein ligase that mediates ISGylation of protein targets. HERC5 gene lies in a cluster of HERC family genes on chromosome 4. It has been shown to exhibit antiviral activity towards HIV-1, influenza A virus and human papillomavirus. Recombinant human HERC5 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for HERC5 recombinant protein	Immunology
References	Woods MW, Kelly JN, et al. (2011). Retrovirology. 8:95. ; Tang Y, Zhong G, et al. (2010). J Immunol. 184 (10):5777-90.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825982
NCBI GeneID	51191
NCBI Accession #	NP_057407
NCBI GenBank Nucleotide #	NM_016323.3
UniProt Accession #	Q9UII4; Q69G20; B2RTQ1
Molecular Weight	43 kDa (367aa)
NCBI Official Full Name	E3 ISG15--protein ligase HERC5
NCBI Official Synonym Full Names	HECT and RLD domain containing E3 ubiquitin protein ligase 5
NCBI Official Symbol	HERC5
NCBI Official Synonym Symbols	CEB1; CEBP1
NCBI Protein Information	E3 ISG15--protein ligase HERC5
UniProt Protein Name	E3 ISG15--protein ligase HERC5
UniProt Gene Name	HERC5
UniProt Synonym Gene Names	CEB1; CEBP1

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.