

Iron ResPonsive Element Binding Protein 2 Recombinant Protein | IREB2 recombinant protein

Recombinant Iron ResPonsive Element Binding Protein 2 (IREB2)

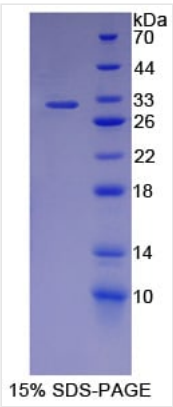
CATALOG # AAA143933	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Iron ResPonsive Element Binding Protein 2; Recombinant Iron ResPonsive Element Binding Protein 2 (IREB2); IREB2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 120ug/mL (varies by lot)
Sequence	PYSIRVLLEA AVRNCDFGLM KKEDVMNILD WKTKQSNVEV PFFPARVLLQ DFTGIPAMVD FAAMREAVKT LGGDPEKVHP ACPTDLTVDH SLQIDFSKCA IQNAPNPGGG DLQKAGKLSP VKVQPKKLPC RGQTTCRGSC DSGELGRNSG TFSSQIENTP ILCPFHLQPV PEPETVLKNQ EVEFGRNRER LQFFKWSSRV FKNVAVIPPG TGMHQINLE YLSRVVFEEK DLLFPDSVVG TDS
Applicable Applications for IREB2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro39~Ser281
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
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 #	41352693
NCBI GeneID	3658
NCBI Accession #	NP_004127.1
NCBI GenBank Nucleotide #	NM_004136.2
Molecular Weight	Predicted Molecular Mass: 30.6kDa Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	iron-responsive element-binding protein 2
NCBI Official Synonym Full Names	iron-responsive element binding protein 2
NCBI Official Symbol	IREB2
NCBI Official Synonym Symbols	ACO3; IRP2; IRP2AD
NCBI Protein Information	iron-responsive element-binding protein 2
UniProt Protein Name	Iron-responsive element-binding protein 2
UniProt Gene Name	IREB2
UniProt Synonym Gene Names	IRE-BP 2; IRP2
UniProt Entry Name	IREB2_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.