

Hypoxia Inducible Factor 2 Alpha (HIF2a) Recombinant Protein | HIF2a recombinant protein

Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a)

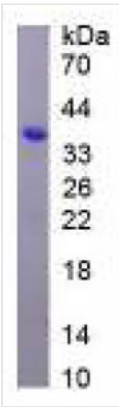
CATALOG # AAA134585	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Hypoxia Inducible Factor 2 Alpha (HIF2a); Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a); HIF2a recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 2000ug/mL (varies by lot)
Applicable Applications for HIF2a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg24~Glu348
Tags	N-terminal His Tag
Subcellular Location	Nucleus
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.



Sequence

RCRRSKE TEVFYELAHE LPLPHSVSSH
LDKASIMRLA ISFLRTHKLL SSVCSENESE AEADQQMDNL YLKALEGFIA
VVTQDGMIF LSENISKFMG LTQVELTGHS IFDFTPCDH EEIRENLTLK
TGSQFGKKNK DRSTERDFFM RMKCTVTNRG RTVNLKSATH KVLHCTGQVR
VYNNCPHSS LCGYKEPLLS CLIIIMCEPIQ HPSHMDIPLD SKTFLSRHSM
DMKFTYCDDR ILELVGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG
QVVSQYRML AKHGGYVWLE TQGTVVYNPR NLQPQCIMCV NVVLSEIE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	12831205
NCBI GeneID	29452
NCBI Accession #	NP_075578.1
NCBI GenBank Nucleotide #	NM_023090.1
UniProt Accession #	Q9JHS1
Molecular Weight	Predicted Molecular Mass: 38.5kDa Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	endothelial PAS domain-containing protein 1
NCBI Official Synonym Full Names	endothelial PAS domain protein 1
NCBI Official Symbol	Epas1
NCBI Official Synonym Symbols	HLF; Hif2a
NCBI Protein Information	endothelial PAS domain-containing protein 1; EPAS-1; HIF2 alpha; HIF2-alpha; HIF-2 alpha; HIF-2-alpha; hypoxia inducible factor 2a; hypoxia-inducible factor 2 alpha; hypoxia-inducible factor 2-alpha; hypoxia inducible factor 2, alpha subunit
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	Epas1
UniProt Synonym Gene Names	Hif2a; EPAS-1; HIF-2-alpha; HIF2-alpha
UniProt Entry Name	EPAS1_RAT

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.

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Online datasheet: <https://www.aaabiotech.com/epas1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134585>