

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

Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a)

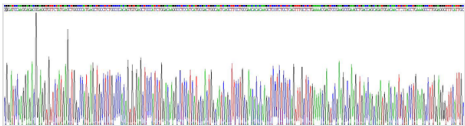
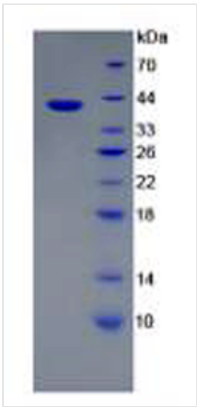
CATALOG # AAA150721	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Hypoxia Inducible Factor 2 Alpha (HIF2a); Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a); Hypoxia Inducible Factor 2 Alpha; EPAS1; HLF; MOP2; PASD2; BHLHE73; Endothelial PAS Domain 1; HIF-1 Alpha-Like Factor; Basic-helix-loop-helix-PAS protein MOP2; Class E basic helix-loop-helix protein 73; HIF2a recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 1000ug/mL (varies by lot)
Applicable Applications for HIF2a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys29-Ile347
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 10mM PBS (pH7.4) 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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LDKASIMRLA ISFLRTHKLL SSVCSENESE KE TEVFYELAHE LPLPHSVSSH
VVTQDGMIF LSENISKFMG LTQVELTQHS IFDFTHPCDH EEIRENLSLK
NGSGFGKSK DMSTERDFM RMKCTVTNRG RTVNLKSATW KVLHCTGQVK
VYNNCPPHNS LCGYKEPLLS CLIMCEPIQ HPSHMDIPLD SKTFLSRHSM
DMKFTYCDDR ITELIGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG
QVVSQQYRML AKHGGYVWLE TQGTVIYNPR NLQPQCIMCV NYVLSEI
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for HIF2a recombinant protein	Cardiovascular biology; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40254439
NCBI GeneID	2034
NCBI Accession #	NP_001421.2
NCBI GenBank Nucleotide #	NM_001430.4
UniProt Accession #	Q99814; Q86VA2; Q99630
Molecular Weight	Predicted Molecular Mass: 40.1kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions Predicted Molecular Mass: 40.1kDa Accurate Molecular Mass: 40kDa 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; MOP2; ECYT4; HIF2A; PASD2; bHLHe73
NCBI Protein Information	endothelial PAS domain-containing protein 1; EPAS-1; HIF2-alpha; HIF-2-alpha; HIF-1alpha-like factor; HIF-1-alpha-like factor; member of PAS protein 2; PAS domain-containing protein 2; hypoxia-inducible factor 2 alpha; hypoxia-inducible factor 2-alpha; ba
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	EPAS1
UniProt Synonym Gene Names	BHLHE73; HIF2A; MOP2; PASD2; EPAS-1; bHLHe73; HLF; HIF-2-alpha; HIF2-alpha
UniProt Entry Name	EPAS1_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.

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Online datasheet: <https://www.aaabiotech.com/epas1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150721>