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

Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133932	**E.coli**	**Mus musculus (Mouse)**	**Western Blot, SDS-Page**

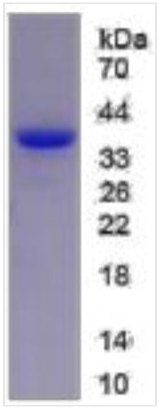
PRODUCT SYNONYMS

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

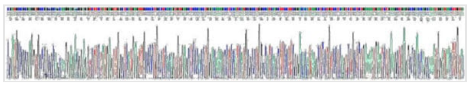
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Sequence	DAARCRRSKE TEVFYELAHE LPLPHSVSSH LDKASIMRLA ISFLRTHKLL SSVCSENESE AEADQQMDNL YLKALEGFIA VVTQDGDMIF LSENISKFMG LTQVELTGHS IFDFTHPCDH EEIRENLTLK NGSGFGKKSK DVSTERDFFM RMKCTVTNRG RTVNLKSATW KVLHCTGQVR VYNNCPPHSS LCGSKEPLLS CLIIMCEPIQ HPSHMDIPLD SKTFLSRHSM DMKFTYCDDR ILELIGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG QVVSGQYRML AKHGGYVWLE TQGTVIYNPR NLQPQC
Applicable Applications for HIF2a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp21~Cys336
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
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°C. Aliquot and store at -80°C. **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°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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	178057356
NCBI GeneID	13819
NCBI Accession #	NP_034267.3
NCBI GenBank Nucleotide #	NM_010137.3
UniProt Accession #	P97481; O08787; O55046
Molecular Weight	Predicted Molecular Mass: 37.2kDa Accurate Molecular Mass: 37kDa 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; HRF; MOP2; HIF2A; bHLHe73; HIF-2alpha
NCBI Protein Information	endothelial PAS domain-containing protein 1; mHLF; EPAS-1; HIF2-alpha; HIF-2-alpha; Hif like protein; HIF-related factor; HIF1alpha-like factor; HIF1 alpha-like factor; HIF-1-alpha-like factor; HLF (HIF1alpha-like factor); hypoxia-inducible factor 2-alpha; hypoxia inducible transcription factor 2alpha
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	**Epas1**
UniProt Synonym Gene Names	Hif2a; EPAS-1; HLF; mHLF; HRF; HIF-2-alpha; HIF2-alpha
UniProt Entry Name	EPAS1_MOUSE

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Online datasheet: https://www.aaabiotech.com/epas1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133932