

Hepatocyte Nuclear Factor 1 Alpha Recombinant Protein | HNF1a recombinant protein

Recombinant Hepatocyte Nuclear Factor 1 Alpha (HNF1a)

CATALOG # AAA150295	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Alpha; Recombinant Hepatocyte Nuclear Factor 1 Alpha (HNF1a); TCF1; HNF1; LFB1; LF-B1; MODY3; Transcription Factor 1; Hepatic; Hepatic Nuclear Factor; Albumin Proximal Factor; Liver-specific transcription factor LF-B1; HNF1a recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 1500ug/mL (varies by lot)
Applicable Applications for HNF1a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp56~Arg321
Tags	N-terminal His and GST 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.

ADDITIONAL INFORMATION

Product Categories/Family for HNF1a recombinant protein	Cytokine
---	----------

NCBI AND UNIPROT INFORMATION

NCBI GI #	166295202
-----------	-----------

NCBI GeneID	21405
NCBI Accession #	NP_033353.2
NCBI GenBank Nucleotide #	NP_033353.2
UniProt Accession #	P22361
Molecular Weight	Predicted Molecular Mass: 59.8kDa Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	hepatocyte nuclear factor 1-alpha
NCBI Official Synonym Full Names	HNF1 homeobox A
NCBI Official Symbol	Hnf1a
NCBI Official Synonym Symbols	HNF1; LFB1; Tcf1; Hnf-1; Tcf-1; HNF1[a]; AI323641; Hnf1alpha; HNF1-alpha
NCBI Protein Information	hepatocyte nuclear factor 1-alpha
UniProt Protein Name	Hepatocyte nuclear factor 1-alpha
UniProt Gene Name	Hnf1a
UniProt Synonym Gene Names	Hnf-1; Hnf-1a; Tcf1; HNF-1-alpha; HNF-1A; LFB1; TCF-1
UniProt Entry Name	HNF1A_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/hnf1a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150295>