

Hepatocyte Nuclear Factor 1 Alpha (HNF1a) Recombinant Protein | HNF1a recombinant protein

Recombinant Hepatocyte Nuclear Factor 1 Alpha (HNF1a)

CATALOG # AAA150746	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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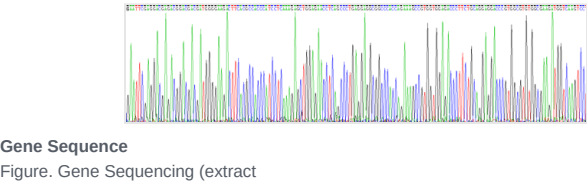
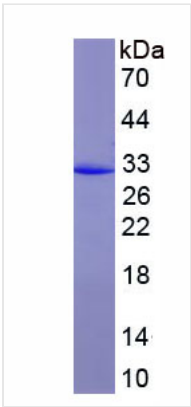
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Alpha (HNF1a); Recombinant Hepatocyte Nuclear Factor 1 Alpha (HNF1a); Hepatocyte Nuclear Factor 1 Alpha; TCF1; HNF1; LFB1; LFB1; 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
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Glu71~Arg2 71
Applicable Applications for HNF1a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6
Subcellular Location	Nucleus
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	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (extract)

SDS-PAGE
Figure. SDS-PAGE

EDETDDGDED FTPPILKELE NLSPEEAAHQ
KAVVETLLQE DPWRVAKMVK SYLQQHNIPO REVVDITGLN QSHLSQHLNK
GTPMKTQKRA ALYTWYVRKQ REVAQOFTHA QGGGLIEEPT GDELPTKKGR
RNRFKWGPAS QQILFQAYER QKNPSKEERE TLVEECNRAE CIQGVSPSPQ
AQGLGSNLVT EVRVYNMFAN R

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for HNF1a recombinant protein	Cytokine; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	256542297
NCBI GeneID	6927
NCBI Accession #	NP_000536.5
NCBI GenBank Nucleotide #	NM_000545.5
UniProt Accession #	P20823; Q2M3H2; Q99861; A5Z2R8; E0YMJ5; E0YMK0; E0YMK1; E2I9R4; E2I9R5; F5H5U3
Molecular Weight	67,356 Da
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; MODY3; TCF-1; HNF-1A; IDDM20
NCBI Protein Information	hepatocyte nuclear factor 1-alpha; HNF-1-alpha; albumin proximal factor; hepatic nuclear factor 1; transcription factor 1, hepatic; interferon production regulator factor; liver-specific transcription factor LF-B1
UniProt Protein Name	Hepatocyte nuclear factor 1-alpha
UniProt Gene Name	HNF1A
UniProt Synonym Gene Names	TCF1; HNF-1-alpha; HNF-1A; LFB1; TCF-1
UniProt Entry Name	HNF1A_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.

