

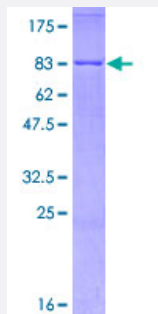
Full-Length

NR1H2 (Human) Recombinant Protein (P01)

Catalog # H00007376-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NR1H2 full-length ORF (AAH07790.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSPTTSSLDTPLPGNGPPQPGAPSSSPTVKEEGPEPWPGGPDVPGTDEASSACSTDWVI
PDPEEEPERKRKKGPAPKMLGHELCRVCGDKASGFHYNVLSCEGCKGFFRRSVVRGGARRYA
CRGGGTCQMDAFMRRKCQQCRLRKCKEAGMREQCVLSEEQIRKKKIRKQQQQESQSQSQSPV
GPQGSSSSASGPGASPGGSEAGSQSGEGEGVQLTAAQELMIQQLVAAQLQCNKRSFSDQPK
VTPWPLGADPQSRDARQQRFAHFTELAISVQEIVDFAKQVPGFLQLGREDQIALLKASTIEIMLET
ARRYNHETECITFLKDFITYSKDDFHRAQLQVEFINPIFEFSRAMRRLGLDDAEYALLIANIFSADRPN
VQEPGRVEALQQPYVEALLSYTRIKRPQDQLRFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKLP
PLLSEWDVHE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.45

Interspecies Antigen Sequence

Mouse (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NR1H2

Entrez GeneID [7376](#)

GeneBank Accession# [BC007790](#)

Protein Accession# [AAH07790.1](#)

Gene Name NR1H2

Gene Alias LXR-b, LXRB, NER, NER-I, RIP15, UNR

Gene Description nuclear receptor subfamily 1, group H, member 2

Omim ID [600380](#)

Gene Ontology [Hyperlink](#)

Gene Summary The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like other receptors in the family, LXRs heterodimerize with retinoid X receptor (see MIM 180245) and bind to specific response elements (LXREs) characterized by direct repeats separated by 4 nucleotides. Two genes, alpha (LXRA, MIM 602423) and beta, are known to encode LXR proteins (Song et al., 1995 [PubMed 7625741]).[supplied by OMIM]

Other Designations LX receptor beta|liver X receptor beta|liver X receptor-beta|nuclear orphan receptor LXR-beta|oxy sterols receptor LXR-beta|steroid hormone-nuclear receptor NER|ubiquitously-expressed nuclear receptor

Publication Reference

- [A Fragment of Adhesion Molecule L1 Binds to Nuclear Receptors to Regulate Synaptic Plasticity and Motor Coordination.](#)

Kraus K, Kleene R, Henis M, Braren I, Kataria H, Sharaf A, Loers G, Schachner M, Lutz D.

Molecular Neurobiology 2018 Jan; [Epub].

Application: ELISA, Mouse , Mouse cerebellar neurons

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Encephalitis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
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