Product Datasheet

Recombinant Human Oxysterols receptor LXR-alpha(NR1H3)

Catalog No: #AP70012

Package Size: #AP70012-1 20ug #AP70012-2 100ug #AP70012-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Oxysterols receptor LXR-alpha(NR1H3)
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 85% as determined by SDS-PAGE.
Immunogen Description	full length protein
Other Names	Liver X receptor alpha; LXR a; LXRA; NR1H3; NR1H3_HUMAN; Nuclear receptor subfamily 1 group H member 3; Oxysterols receptor LXR alpha; Oxysterols receptor LXR-alpha; RLD 1; RLD1
Accession No.	Swiss-Prot#:Q13133
Uniprot	Q13133
GeneID	10062;
Tag Info	N-terminal His-tagged
Target Sequence	NVLSCEGCKG FFRRSVIKGA HYICHSGGHC PMDTYMRRKC QECRLRKCRQ AGMREECVLS EEQIRLKKLK RQEEEQAHAT SLPPRASSPP QILPQLSPEQ LGMIEKLVAA QQQCNRRSFS DRLRVTPWPM APDPHSREAR QQRFAHFTEL AIVSVQEIVD FAKQLPGFLQ LSREDQIALL KTSAIEVMLL ETSRRYNPGS ESITFLKDFS YNREDFAKAG LQVEFINPIF EFSRAMNELQ LNDAEFALLI AISIFSADRP NVQDQLQVER LQHTYVEALH AYVSIHHPHD RLMFPRMLMK LVSLRTLSSV HSEQVFALRL QDKKLPPLLS EIWDVHE
Formulation	Tris-based buffer50% glycerol
Storage	he shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20Λ C,-80Λ C. The shelf life of lyophilized form is 12 months at -20Λ C,-80Λ C. Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4Λ C for up to one week.

Background

Nuclear receptor. Interaction with RXR shifts RXR from its role as a silent DNA-binding partner to an active ligand-binding subunit in mediating retinoid responses through target genes defined by LXRES. LXRES are DR4-type response elements characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides. Plays an important role in the regulation of cholesterol homeostasis, regulating cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8. Interplays functionally with RORA for the regulation of genes involved in liver metabolism (By similarity). Exhibits a ligand-dependent transcriptional activation activity

Note: This product is for in vitro research use only