

## Product datasheet for TP527522

### Nr1h3 (NM\_013839) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear receptor subfamily 1, group H, member 3 (Nr1h3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227522 representing NM_013839 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSLWLEASMPDVSPDSATELWKTEPQDAGDQGGNTCILREEARMPQSTGVALGIGLESAEPTALLPRAET LPEPTELRPQKRKKGPAKMLGNELCSVCGDKASGFHYNVLSCEGCKGFFRRSVIKGARYVCHSGGHCMP DTYMRRKCQECRLRKCRQAGMREECVLSEEQIRLKKLKRQEEEAQATSVPVSSPPQVLPQLSPEQLG MIEKLVAQQQCNRFSFSDRLRVTPWPIAPDPQSREARQQRFAHFTELAIQVSVQEIIVDFAKQLPGFLQLS REDQIALLKTS AIEVMLETSRRYNPGSESITFLKDFSYNREDFAKAGLQVEFINPIFEFSRAMNELQLN DAEFALLIAISIFSADRPNVQDQLQVERLQHTYVEALHAYVSINHPHDPLMFPRMLMKLVSLRTLSSVHS EQVFALRLQDKKLPPLLSEIWDVHE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	50.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_038867</a>
Locus ID:	22259



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UniProt ID: [Q9Z0Y9](#), [Q91X41](#)

RefSeq Size: 1955

Cytogenetics: 2 50.52 cM

RefSeq ORF: 1335

Synonyms: AU018371; LXR; RLD1; Unr1

**Summary:** Nuclear receptor that exhibits a ligand-dependent transcriptional activation activity (PubMed:18055760, PubMed:19520913, PubMed:20427281). Interaction with retinoic acid receptor (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.[UniProtKB/Swiss-Prot Function]