

## Product datasheet for TP507128

### Nr1h2 (NM\_009473) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear receptor subfamily 1, group H, member 2 (Nr1h2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207128 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSSPTSSLDTVPVGNNGSPQPSTSATSPITKEEGQETDPPPGESESSAYIVILEPEDEPERKRKKGPAP  
KMLGHELRCVCGDKASGFHYNVLSCEGCKGFFRRSVVHGGAGRYACRGSCTCQMDAFMRRKCQLCRLRKC  
KEAGMREQCVLSEEQIRKKRIKQKQQQPPPPSEPAASSGRPAASPGTSEASSQGSGEQIQLTAAQE  
LMIQQLVAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFAHFTELAISVQEIIVDFAKQVPGFLQL  
GREDQIALLKASTIEIMLLETARRYNHETECITFLKDFYKDDFHRAGLQVEFINPIFEFSRAMRRLGL  
DDAEYALLIAINIFSADRPNVQEPSRVEALQQPYVEALLSYTRIKRPQDQLRFPRLMKLVSLRTLSSVH  
SEQVFALRLQDKKLPPLLSEIWDVHE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.7 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_033499</a>
Locus ID:	22260



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UniProt ID:	<a href="#">Q60644</a> , <a href="#">Q8BP65</a>
RefSeq Size:	2029
Cytogenetics:	7 B3
RefSeq ORF:	1341
Synonyms:	A1194859; LXR; LXRB; LXRBeta; LXRBSV; NER1; OR-1; RIP15; Unr; Unr2; UR
Summary:	Nuclear receptor that exhibits a ligand-dependent transcriptional activation activity (PubMed:18055760, PubMed:19520913, PubMed:20427281). Binds preferentially to double-stranded oligonucleotide direct repeats having the consensus half-site sequence 5'-AGGTCA-3' and 4-nt spacing (DR-4) (PubMed:18055760, PubMed:19520913, PubMed:20427281). Regulates cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8; DLDLR and LRP8 (PubMed:18055760, PubMed:19520913, PubMed:20427281). Interplays functionally with RORA for the regulation of genes involved in liver metabolism (PubMed:18055760, PubMed:19520913, PubMed:20427281). Plays an anti-inflammatory role during the hepatic acute phase response by acting as a corepressor: inhibits the hepatic acute phase response by preventing dissociation of the N-Cor corepressor complex (By similarity).[UniProtKB/Swiss-Prot Function]