Recombinant Bovine NR1H2 Protein

Cat. No. NR1H2-1399B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length bovine NR1H2 protein (1-455aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-455
Form	Lyophilized powder
AA Sequence	MSTPTTNSVDTPLPGNGPSTPSSSPGGKEDGPEPCPGGADPDVPSTDGADSASVV VILDTAEEPERKRKKGPAPKMLGDELCQVCGDTASGFHYNVLSCEGCKGFFRRSVI RGGAGRYACRGGGTCQMDAFMRRKCQQCRLRKCKEAGMREQCVLSKEQIRKKKI RKQQQQQQQQSSPTGPGVSSSSPASGPGASPGGSDGGGQGSGEGEGVQLTAAQ ELMIQQLVAAQLQCNKRSFSDQPKVTPWPLGADPQSRDARQQRFAHFTELAIISVQ EIVDFAKQVPGFLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKDFTYSKDD FHRAGLQVEFINPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEPSRVEALQQP YVDALLSYTRIKRPQDQLRFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKLPPLLSEI WDVHE
Purity	>85% (SDS-PAGE)
Stability	The 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

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	is 6 months at -20/-80 centigrade. The shelf life of lyophilized form is 12 months at -20/-80 centigrade.
Storage	Store at -20 centigrade upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20/-80 centigrade. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	NR1H2 nuclear receptor subfamily 1 group H member 2 [Bos taurus (cattle)]
Official Symbol	NR1H2
Synonyms	NR1H2; nuclear receptor subfamily 1 group H member 2; oxysterols receptor LXR-beta; liver X receptor beta; nuclear orphan receptor LXR-beta
Gene ID	509622
mRNA Refseq	NM_001014883
Protein Refseq	NP_001014883
UniProt ID	Q5BIS6

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