

Product datasheet for **TP762280**

Bile Acid Receptor (NR1H4) (NM_005123) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human nuclear receptor subfamily 1, group H, member 4 (NR1H4), transcript variant 2, Phe21-Val297, with N-terminal His tag, expressed in E.coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding the region(Phe21-Val297) of NR1H4 |
| Tag: | N-His |
| Predicted MW: | 31.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| 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: | NP_005114 |
| Locus ID: | 9971 |
| UniProt ID: | Q96R11 , B6ZGS9 |
| RefSeq Size: | 2218 |
| Cytogenetics: | 12q23.1 |
| RefSeq ORF: | 1416 |
| Synonyms: | BAR; FXR; HRR-1; HRR1; PFIC5; RIP14 |



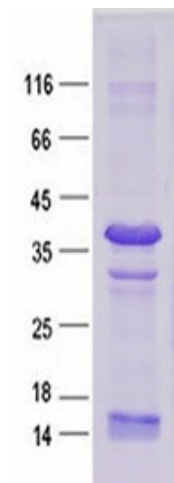
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Summary:

This gene encodes a ligand-activated transcription factor that shares structural features in common with nuclear hormone receptor family members. This protein functions as a receptor for bile acids, and when bound to bile acids, binds to DNA and regulates the expression of genes involved in bile acid synthesis and transport. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Feb 2016]

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:

Purified recombinant protein NR1H4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.