

Recombinant Human FXR1 protein, GST-tagged

Cat. No. FXR1-13052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FXR1 protein(1-353 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-353 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MAELTVEVRGSGNGAFYKGFIKDVHEDSLTVVFENNWQPERQVPFNEVRLPPPPDIK KEISEGDEVEVYSRANDQEPGWWLAKVRMMKGEFYVIEYAACDATYNEIVTFERL RPVNQNKTVKKNTFFKCTVDVPEDLREACANENAHKDFKKAVGACRIFYHPETTQL MILSASEATVKRVNLSMDHLRSIRTKLMLMSRNEEATKHLECTKQLAAAFHEEFVVR EDLMGLAIGTHGSNIQQARKVPGVTAIELDEDGTGFRIYGESADAVKKARGFLEFVED FIQVPRNLVGKVGKNGKVIQEIVDKSGVVRVRIEGDNENKLPREDGMVPFVFGTK ESIGNVQVLLEY
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	FXR1 fragile X mental retardation, autosomal homolog 1 [Homo sapiens]
Official Symbol	FXR1
Synonyms	FXR1; fragile X mental retardation, autosomal homolog 1; fragile X mental retardation syndrome-related protein 1; hFXR1p; FXR1P;
Gene ID	8087
mRNA Refseq	NM_001013438
Protein Refseq	NP_001013456
MIM	600819
UniProt ID	P51114

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