

Recombinant Human OPHN1 protein, His-tagged

Cat. No. OPHN1-3772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPHN1 protein, fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DSPDFRERLKCYEQELERTNFKIKDVIKDGNALISAMRNYSSAVQKFSQTLQSFQFD FIGDTLTDDEINIAESFKEFAELLNEVENERMMMVHNASDLLIKPLENFRKEQIGFTKE RKKKFEKDGGERFYSLDRHLHLSSKKKESQLQEADLQVDKERHNFFESSLDYVYQIQ EVQESKKFN
Purity	95%, 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 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.

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GENE INFORMATION

Gene Name	OPHN1 oligophrenin 1 [Homo sapiens]
Official Symbol	OPHN1
Synonyms	OPHN1; oligophrenin 1; mental retardation, X linked 60 , MRX60; oligophrenin-1; ARHGAP41; OPN1; mental retardation, X-linked 60; oligophrenin-1, Rho-GTPase activating protein; MRX60;
Gene ID	4983
mRNA Refseq	NM_002547
Protein Refseq	NP_002538
MIM	300127
UniProt ID	O60890

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