

## Recombinant Human OPHN1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OPHN1 protein, fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	DSPDFRERLKCYEQELERTNKFIKDVIKDGNALISAMRNYSSAVQKFSQTLQSFQFD FIGDTLTDDEINIAESFKEFAELLNEVENERMMMVHNASDLLIKPLENFRKEQIGFTKE RKKKFEKDGGERFYSLDRHLHLSSKKKESQLQEADLQVDKERHNFFESSLDYVYQIQ EVQESKKFN
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA