

## Recombinant Human OPHN1 Protein, MYC/DDK-tagged

Cat. No. OPHN1-297H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human OPHN1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a Rho-GTPase-activating protein that promotes GTP hydrolysis of Rho subfamily members. Rho proteins are important mediators of intracellular signal transduction, which affects cell migration and cell morphogenesis. Mutations in this gene are responsible for OPHN1-related X-linked mental retardation with cerebellar hypoplasia and distinctive facial dysmorphism. [provided by RefSeq, Jul 2008].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	91.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">oligophrenin 1 [ Homo sapiens ]</a>
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<b>Official Symbol</b>	OPHN1
<b>Synonyms</b>	ARHGAP41; MRX60; OPN1
<b>Gene ID</b>	4983
<b>Protein Refseq</b>	NP_002538
<b>MIM</b>	300127

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