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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

OPHN1 (Human) Recombinant Protein (P01)

Catalog Number: H00004983-P01

Regulation Status: For research use only (RUO)

Product Description: Human OPHN1 full-length ORF (NP_002538.1, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MGHPPLEFSDCYLDSPDFRERLKCYEQELERTNKFIK
DVIKDGNALISAMRNYSSAVQKFSQTLQSFQFDFIGDT
LTDDEINIAESFKEFAELLNEVENERMMMVHNASDLLIK
PLENFRKEQIGFTKERKKKFEKDGERFYSLLDRHLHLS
SKKKESQLQEADLQVDKERHNFFESSLDYVYQIQEVQ
ESKKFNIVEPVLAFLHSLFISNSLTVELTQDFLPYKQQL
QLSLQNTRNHFSSTREEMEELKKRMKEAPQTCKLPG
QPTIEGYLYTQEKWALGISWVKYYCQYEKETKTLTMT
PMEQKPGAKQGPLDLTLKYCVRRKTESIDKRFCFDIET
NERPGTITLQALSEANRRLWMEAMDGKEPIYHSPITKQ
QEMELNEVGFKFVRKCINIIETKGIKTEGLYRTVGSNIQ
VQKLLNAFFDPKCPGDVDFHNSDWDIKTITSSLKFYLR
NLSEPVMTYRLHKELVSAAKSDNLDYRLGAIHSLVYKL
PEKNREMLELLIRHLVNVCEHSKENLMTPSNMGVIFGP
TLMRAQEDTVAAMMNIKFQNIVVEILIEHFGKIYLGPPE
ESAAPPVPPPRVTARRHKPITISKRLLRERTVFYTSSLD
ESEDEIQHQTPNGTITSSIEPPKPPQHPKLPIQRSGETD
PGRKSPSRPILDGKLEPCPEVDVGKLVSRLQDGGTKIT
PKATNGPMPGSGPTKTPSFHIKRPAPRPLAHHKEGDA
DSFSKVRPPGEKPTIIRPPVRPPDPPCRAATPQKPEPK
PDIVAGNAGEITSSVVASRTRFFETASRKTGSSQGRLP
GDES

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 118

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4983

Gene Symbol: OPHN1

Gene Alias: MRX60, OPN1

Gene Summary: 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 dysmorhphism. [provided by RefSeq]