

Recombinant Human NIPAL4 Protein

Cat. No. NIPAL4-5871H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NIPAL4 full-length ORF (AAI60182.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene likely encodes a membrane receptor. Mutations in this gene have been associated with autosomal recessive congenital ichthyosis. [provided by RefSeq, Feb 2010]
Form	Liquid
Molecular Mass	51.3 kDa
AA Sequence	MPGDSSPGTLPLWDASLSPPLGPDGPGFSRASHAGDKSRPPAPELGSPGAVRPRV GSCAPGPMELRVSNTSCENGSLHLYCSSQEVLQCQIVNDLSPEVPSNATFHSWQER IRQNYGFYIGLGLAFLSSFLIGSSVILKKKGLLRVATGATRAVDGGFGYLKDAMWWA GFLTMAAGEVANFGAYAFAPATVVTPLGALSVLISAILSSYFLRESLNLLGKLGCVICV AGSTVMVIHAPEEEKVTTIMEMASKMKDGTGFVFAVLLLVSCLILIFVIAPRYGQRNIIY IICSVIGAFSVAAVKGLGITIKNFFQGLPVVRHPLPYILSLILALSLSTQVNFLNRALDIF NTSLVFPIYYVFFTTVVVTSSILFKEWYSMSAVDIAGTLSGFVTIILGVFMLHAFKDLDI SCASLPHMHKNPPPSPAPEPTVIRLEDKNVLVDNIELASTSSPEEKPKVFIHS
Applications	Antibody Production Functional Study

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	Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	NIPAL4 NIPA-like domain containing 4 [Homo sapiens]
Official Symbol	NIPAL4
Synonyms	NIPAL4; NIPA-like domain containing 4; NIPA like 4; magnesium transporter NIPA4; ichthyin; ICHYN; NIPA-like protein 4; non-imprinted in Prader-Willi/Angelman syndrome region protein 4; ICHTHYIN;
Gene ID	348938
mRNA Refseq	NM_001099287
Protein Refseq	NP_001092757
MIM	609383
UniProt ID	Q0D2K0

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