9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# PLDN Human

*Pallidin Homolog Human Recombinant*
*RCP1665*

## Product Overview

| | |
|---|---|
| Name | PLDN Human |
| **Description** | |
| Pallidin Homolog Human Recombinant | |
| Accession (Primary) | Q9UL45 |
| **Synonyms** | |
| Pallidin protein homolog (mouse), PA, HPS9, PALLID, syntaxin 13-interacting protein pallid. | |
| **Introduction** | |
| Pallidin is involved in intracellular vesicle trafficking. PLDN cooperates with Syntaxin 13 that facilitates intracellular membrane fusion. A Few alternatively spliced transcript variations of this gene have been discovered however the full-length nature of several of these variants has not been determined. PLDN takes part in the creation of lysosome-related organelles, for example melanosomes and platelet-dense granules. PLDN is known to cooperate with Dysbindin, BLOC1S1, STX12, CNO, MUTED, SNAPAP and BLOC1S2. | |
| **Source** | |
| E.coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The PLDN solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 2mM DTT and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MSVPGPSSPD GALTRPPYCL EAGEPTPGLS DTSPDEGLIE DLTIEDKAVE QLAEGLLSHY LPDLQRSKQA LQELTQNQVV LLDTLEQEIS KFKECHSMLD INALFAEAKH YHAKLVNIRK EMLMLHEKTS KLKKRALKLQ QKRQKEELER EQQREKEFER EKQLTARPAK RM | |
| **Precautions** | |

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PLDN Human is for research use only and not for use in diagnostic or therapeutic procedures.

# Target Information: ( Q9UL45 )