
Product Data Sheet

Product Name: PALM Human
 Cat. No.: GP24122
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Paralemmin-1; Paralemmin; PALM; KIAA0270; Paralemmin-1 isoform 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEVLAAE TTSQQLERLQA IAEKRKRQAE IENKRRQLED ERRQLQHLKS KALRERWLE GTPSSASEGD EDLRRQMQDD EQKTRLLEDS VSRLEKEIEV LERGDSAPAT AKENAAAPSP VRAPAPSPAK EERKTEVVMN SQQTPVGTPK DKRVSNTPLR TVDGSPMMKA AMYSVEITVE KDKVTGETRV LSSTLLPRQ PLPLGIKVYE DETKVVHAVD GTAENGIHPL SSSEVDELIH KADEVTLSEA GSTAGAAETR GAVEGAARTT PSRREITGVQ AQPGEATSGP PGIQPGQEPV VTMIFMGYQN VEDEAETKKV LGLQDTITAE LVVIEDAAEP KEPAPPNGSA AEPTEAASR EENQAGPEAT TSDPQDLDMK KHRCKCCSIM.		
Formulation	The PALM solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Paralemmin (PALM) belongs to the paralemmin protein family which takes part in plasma membrane dynamics and cell process formation. The product of PALM is related with the cytoplasmic face of plasma membranes and is implicated in plasma membrane dynamics in neurons and other cell types.

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.

Background

PALM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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chain containing 410 amino acids (1-387) and having a molecular mass of 44.5kDa. PALM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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