
Product Data Sheet

Product Name: ERGIC3 Human
 Cat. No.: GP23414
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ERGIC And Golgi 3; Serologically Defined Breast Cancer Antigen NY-BR-84; Serologically Defined Breast Cancer Antigen 84; C20orf47; SDBCAG84; Erv46; Endoplasmic Reticulum-Golgi Intermediate Compartment Protein 3; Endoplasmic Reticulum-Localized Protein ERp43; Chromosome 20 Open Reading Frame 47; DJ477O4.2; NY-BR-84; PRO0989; CGI-54; ERGIC3.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQYYLTTE VHELYVDKS RGDKLKINID VLFPHMPCAY LSIDAMDVAG EQQLDVEHNL FKQRLDKDGI PVSSEAERHE LGKVEVTVFD PDSLDPDRCE SCYGAEAEDI KCCNTCEDVR EAYRRRGWAF KNPDTIEQCR REGFSQKMQE QKNEGCQVYG FLEVNKVAGN FHFAPGKSFQ QSHVHVHDLQ SFGLDNINMT HYIQHLSFGE DYPGIVNPLD HTNVTAPQAS MMFQYFVKVV PTVYMKVDGE VLRTNQFSVT RHEKVANGLL GDQGLPGVFV LYELSPMMVK LTEKHRSF		
Formulation	ERGIC3 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

ERGIC And Golgi 3, also known as ERGIC3 is a member of the ERGIC family and interacts with ERGIC1/ERGIC32. ERGIC3 takes part in the transport between endoplasmic reticulum and Golgi. One of the diseases which is associated with ERGIC3 is Breast Cancer.

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%

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

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

ERGIC3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (47-341 a.a) and having a molecular mass of 36.1kDa. ERGIC3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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