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**Product Data Sheet**


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Product Name: GOLGA7 Human  
 Cat. No.: GP23583  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Golgin subfamily A member 7; Golgi complex-associated protein of 16 kDa; GOLGA7; GCP16; HDCKB03P; GOLGA3AP1; GOLGA7A; HSPC041; golgin A7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRPQAP VSGKVFIQRD YSSGTRCQFQ TKFPAELENR IDRQQFEETV RTLNNLYAEA EKLGGQSYLE GCLACLTAYT IFLCMETHYE KVLKKVSKYI QEQNEKIYAP QLLLLTDPIE RGLRVIEITI YEDRGMSSGR.		
Formulation	GOLGA7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.		

**Introduction**

GOLGA7 is part of the ERF4 family. This protein is involved in protein transport from Golgi to cell surface. The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS. GOLGA7 is palmitoylated on Cys-69 and Cys-72; that is required for Golgi localization and interaction with GOLGA3.

**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**

GOLGA7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (1-137 a.a) and having a molecular mass of 18kDa. GOLGA7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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