

Recombinant Human GOLGA2, His-tagged

Cat. No. GOLGA2-29029TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 318-617 of Human GM130 with N terminal His tag; 300 amino acids, 63kDa. GenBank: EAW87765.1
Species	Human
Source	E.coli
ProteinLength	318-617 a.a.
Description	<p>The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.</p>
Conjugation	HIS
Form	Lyophilised:Reconstitute with 121 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Store at 4°C. Upon reconstitution store at -80oC.
Sequences of amino acids	LGKKLGELQEKLSELKETVELKSQEAQSLQQQRDQYLGHL QQYVAAYQQLTSEKE VLHNQLLLQTQLVDQLQQQEAQG KAVAEMARQELQETQERLEAATQQNQQLRAQ LSLMAHPGE GDGLDREEEEEDEEEEEEEAVAVPQPMPSIPEDLESREA MVAFFNSA VASAEQQARLRGQLKEQVRRCRRLAHLA SAQKEPEAAAPAPGTGGDSVCGETH RALQGAMEKLSRFM ELMQEKADLKERAREGSPRDNPTAQQIMQLLREMQNPR E RPGLGSNPCIPFFYRADENDEVKITVI
Sequence Similarities	Belongs to the GOLGA2 family.

GENE INFORMATION

Gene Name	GOLGA2 golgin A2 [Homo sapiens]
Official Symbol	GOLGA2
Synonyms	GOLGA2; golgin A2; golgi autoantigen, golgin subfamily a, 2; Golgin subfamily A member 2; GM130; Golgi matrix protein GM130; golgin 95; SY11 protein;
Gene ID	2801
mRNA Refseq	NM_004486
Protein Refseq	NP_004477
MIM	602580
Uniprot ID	Q08379



Chromosome Location	9q34.13
Pathway	PLK1 signaling events, organism-specific biosystem;
Function	protein binding;

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