

Recombinant Human ERGIC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ERGIC3-1571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ERGIC3 MS Standard C13 and N15-labeled recombinant protein (NP_057050) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ERGIC3 (ERGIC And Golgi 3) is a Protein Coding gene. Diseases associated with ERGIC3 include Alpha Thalassemia-Intellectual Disability Syndrome Type 1 and Familial Adult Myoclonic Epilepsy. An important paralog of this gene is ERGIC2.
Molecular Mass	43.2 kDa
AA Sequence	MEALGKLKQFDAYPKTLEDFRVKTCGGATVTIVSGLLMLLLFLSELQYYLTTEVHPEL YVDKSRGDKLKINIDVLFPHMPCAYLSIDAMDVAGEQQLDVEHNLFKQRLDKDGIPV SSEAERHELKVEVTVFDPDSLDPDRCESCYGAEAEIDKCCNTCEDVREAYRRRG WAFKNPDTIEQCRREGFSQKMQEQQNEGCQVYGFLEVNKVAGNFHFAPGKSFQQ SHVHVHDLQSFGLDNINMTHYIQHLSFGEDYPGIVNPLDHTNVTAPQASMMMFQYFV KVVPTVYMKVDGEVLR TNQFSVTRHEKVANGLLGDQGLPGVFVLYELSPMMVKLTE KHRSFTHFLTGVCAIIGGMFTVAGLIDSLIYHSARAIQKKIDLGKTTTTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ERGIC3 ERGIC and golgi 3 [Homo sapiens (human)]
Official Symbol	ERGIC3
Synonyms	ERGIC3; ERGIC and golgi 3; C20orf47, chromosome 20 open reading frame 47, SDBCAG84, serologically defined breast cancer antigen 84; endoplasmic reticulum-Golgi intermediate compartment protein 3; CGI 54; Erv46; NY BR 84; PRO0989; endoplasmic reticulum-localized protein ERp43; serologically defined breast cancer antigen 84; serologically defined breast cancer antigen NY-BR-84; CGI-54; C20orf47; NY-BR-84; SDBCAG84; dJ477O4.2;
Gene ID	51614
mRNA Refseq	NM_015966
Protein Refseq	NP_057050
MIM	616971
UniProt ID	Q9Y282

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