

Recombinant Human FRG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FRG1-2512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FRG1 MS Standard C13 and N15-labeled recombinant protein (NP_004468) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene maps to a location 100 kb centromeric of the repeat units on chromosome 4q35 which are deleted in facioscapulohumeral muscular dystrophy (FSHD). It is evolutionarily conserved and has related sequences on multiple human chromosomes but DNA sequence analysis did not reveal any homology to known genes. In vivo studies demonstrate the encoded protein is localized to the nucleolus.
Molecular Mass	29.2 kDa
AA Sequence	MAEYSYVKSTKLVLKGTKTKSKKKKSKDKKRKREEDEETQLDIVGIWWTVTNFGEIS GTIAIEMDKGTYIHALDNGLFTLGAPHKEVDEGPSPPEQFTAVKLSDSRALKSGYGK YLGINSDDLVLVGRSDAIGPREQWEPVFQNGKMALLASNSCFIRCNEAGDIEAKSKTA GEEEMIKIRSCAERETKKKDDIPEEDKGNVKQCEINYVKKFQSFQDHKLKISKEDSKIL KKARKDGLHETLLDRRAKLKADRYCKTRTRPLEQLISEEDLAANDILDYKDDDDK V
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.

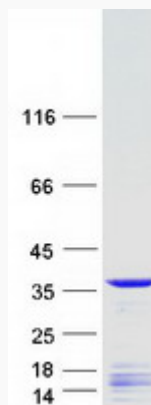
GENE INFORMATION

Gene Name	FRG1 FSHD region gene 1 [Homo sapiens (human)]
Official Symbol	FRG1
Synonyms	FRG1; FSHD region gene 1; protein FRG1; FRG1A; FSG1; FSHD region gene 1 protein; facioscapulohumeral muscular dystrophy region gene-1;
Gene ID	2483
mRNA Refseq	NM_004477
Protein Refseq	NP_004468
MIM	601278
UniProt ID	Q14331

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SDS-PAGE

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