

Recombinant Human FRG1 Protein, GST-tagged

Cat. No. FRG1-4493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FRG1 full-length ORF (AAH53997, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	54.12 kDa
AA Sequence	MAEYSYVKSTKLVLKGTCTKSKKKKSKDKKRKREDEETQLDIVGIWWTVTNFGEIS GTIAIEMDKGTIYHALDNGLFTLGAPHKEVDEGPSPPEQFTAVKLSDSRALKSGYGK YLGINSDDLVLVGRSDAIGPREQWEPVFQNGKMALLASNCFIRCNEAGDIEAKSKTA GEEEMIKIRSCAERETKKKDDIPEEDKGNVKQCEINYVKKFQSFQDHKLKISKEDSKIL KKARKDGLHETLLDRRAKLKADRYCK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

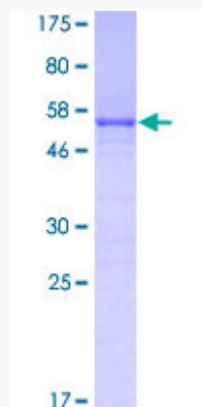
Gene Name	FRG1 FSHD region gene 1 [Homo sapiens]
Official Symbol	FRG1
Synonyms	FRG1; FSHD region gene 1; protein FRG1; FRG1A; FSG1; FSHD region gene 1 protein; facioscapulohumeral muscular dystrophy region gene-1;
Gene ID	2483
mRNA Refseq	NM_004477
Protein Refseq	NP_004468
MIM	601278
UniProt ID	Q14331

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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