

Product datasheet for **TP308772**

FRG1 (NM_004477) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human FSHD region gene 1 (FRG1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208772 protein sequence
Red=Cloning site **Green**=Tags(s)

MAEYSYVKSTKLVLKGTKTTSKSKKSKDKKRKREDEETQLDIVGIWWTVTNFGIEISGTIAIEMDKGTI
HALDNGLFTLGAPHKEVDEGSPPEQFTAVKLSDSRIALKSGYGKYLGINSDGLVGRSDAIGPREQWEP
VFQNGKMALLASNSCFIRCNEAGDIEAKSKTAGEEEMIKIRSCAERETKKKDDIPEEDKGNVKQCEINYV
KKFQSFQDHKLKISKEDSKILKKARKDGFHETLLDRRAKADRYCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 29 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004468](#)

Locus ID: 2483

UniProt ID: [Q14331](#)



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RefSeq Size: 1053

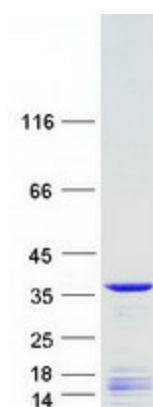
Cytogenetics: 4q35.2

RefSeq ORF: 774

Synonyms: FRG1A; FSG1

Summary: 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, Jul 2008]

Product images:



Coomassie blue staining of purified FRG1 protein (Cat# TP308772). The protein was produced from HEK293T cells transfected with FRG1 cDNA clone (Cat# [RC208772]) using MegaTran 2.0 (Cat# [TT210002]).