

## Product datasheet for PH308772

### FRG1 (NM\_004477) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FRG1 MS Standard C13 and N15-labeled recombinant protein (NP_004468)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208772
Predicted MW:	29.2 kDa
Protein Sequence:	>RC208772 protein sequence Red=Cloning site Green=Tags(s)  MAEYSYVKSTKLVLKGTKTKSKKKKSKDKKRKREDEETQLDIVGIWWTVTFGEISGTIAIEMDKGTI HALDNGLFTLGAPHKEVDEGSPPEQFTAVKLSDSRIALKSGYGKYLGINSDGLVVGSRSDAIGPREQWEP VFQNGKMALLASNSCFIRCNEAGDIEAKSKTAGEEEMIKIRSCAERETKKKDDIPEEDKGNVKQCEINYY KKFQSFQDHKLIKSKEDSKILKKARKDGFLEHETLLDRRAKLKADRYCK  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_004468</a>
RefSeq Size:	1053
RefSeq ORF:	774
Synonyms:	FRG1A; FSG1
Locus ID:	2483
UniProt ID:	<a href="#">Q14331</a>

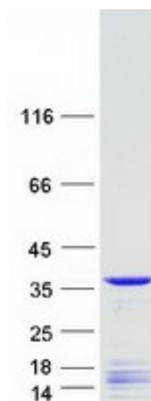


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Cytogenetics: 4q35.2

**Summary:** This gene maps to a location 100 kb centromeric of the repeat units on chromosome 4q35 which are deleted in facioscapulohumeral muscular dystrophy (FHD). 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]).