

Recombinant Full Length Human FRA10AC1 Protein, GST-tagged

Cat. No. FRA10AC1-1685HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C10orf4 full-length ORF (AAH18007.1, 1 a.a. - 315 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	315 amino acids
Description	The protein encoded by this gene is a nuclear phosphoprotein of unknown function. This gene contains a tandem CGG repeat region within a CpG island that normally consists of 8-14 repeats but can expand to over 200 repeats. The repeat region is within the 5' UTR of some transcript variants, but is intronic to another variant. The expanded repeat allele is a fragile site and becomes hypermethylated, causing a reduction in gene expression. A disease phenotype has not been associated with expanded alleles. This gene is found within the rare FRA10A folate-sensitive fragile site.
Molecular Mass	64 kDa
AA Sequence	MHGHGGYDSD FSDDEHCGES SKRKKRTVED DLLLQKPFQK EKHGKVAHKQ VAAELLDREE ARNRRFHLIA MDAYQRHRKF VNDYILYYGG KKEDFKRLGE NDKTDLDVIR ENHRFLWNEE DEMDMTWEKR LAKKYYDKLF KEYCIADLSK YKENKFGFRW RVEKEVISGK GQFFCGNKYC DKKEGLKSWE VNFQYIEHGE

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KRNALVKLRL CQECSIKLNF HHRRKEIKSK KRKDKTKKDC EESSHKKSRL
SSAEEASKKK DKGHSSSKKS EDSLLRNSDE EESASESELW KGPLPETDEK
SQEEEFDEYF QDLFL

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 [FRA10AC1 fragile site, folic acid type, rare, fra\(10\)\(q23.3\) or fra\(10\)\(q24.2\) candidate 1 \[Homo sapiens \]](#)

Official Symbol [FRA10AC1](#)

Synonyms FRA10AC1; fragile site, folic acid type, rare, fra(10)(q23.3) or fra(10)(q24.2) candidate 1; C10orf4, chromosome 10 open reading frame 4; protein FRA10AC1; fragile site 10q23.3; rare folic acid-type fragile site, FRA(10)(q23.3), candidate gene 1; FRA10A; C10orf4; F26C11.1-like

Gene ID [118924](#)

mRNA Refseq [NM_145246](#)

Protein Refseq [NP_660289](#)

MIM [608866](#)

UniProt ID [Q70Z53](#)

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