Recombinant Human FMR1

Catalog No: #GP11569

Package Size: #GP11569-1 100ug

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Description

Product Name	Recombinant Human FMR1
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	fragile X mental retardation 1
Other Names	POF; FMRP; POF1; FRAXA
Accession No.	Swissprot:Q06787Gene Accession:NP_002015
Uniprot	Q06787
GeneID	2332;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene binds RNA and is associated with polysomes. The encoded protein may be involved in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repeat (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome. Expansion of the trinucleotide repeat may also cause one form of premature ovarian failure (POF1). Multiple alternatively spliced transcript variants that encode different protein isoforms and which are located in different cellular locations have been described for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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