

FMR1 抗原（重组蛋白）

中文名称： FMR1 抗原（重组蛋白）

英文名称： FMR1 Antigen (Recombinant Protein)

别名： POF; FMRP; POF1; FRAXA

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-294 amino acids of human FMR1

技术规格：

Full name:	fragile X mental retardation 1
Synonyms:	POF; FMRP; POF1; FRAXA
Swissprot:	Q06787
Gene Accession:	NP_002015
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 e

ncode different protein isoforms and which are located in different cellular locations have been described for this gene.