



## FREM1 blocking peptide (CDBP5460)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a basement membrane protein that may play a role in craniofacial and renal development. Mutations in this gene have been associated with bifid nose with or without anorectal and renal anomalies. Alternatively spliced transcript variants encoding different isoforms have been described. PubMed ID 19940113 describes one such variant that initiates transcription within a distinct, internal exon; the resulting shorter isoform (named Toll-like/interleukin-1 receptor regulator, TILRR) is suggested to be a co-receptor of the interleukin 1 receptor family and may regulate receptor function and Toll-like receptor/interleukin 1 receptor signal transduction, contributing to the control of inflammatory response activation. [provided by RefSeq, Apr 2011]
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<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">FREM1 FRAS1 related extracellular matrix 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FREM1
<b>Synonyms</b>	FREM1; FRAS1 related extracellular matrix 1; BNAR; MOTA; TILRR; TRIGNO2; C9orf143;

C9orf145; C9orf154; FRAS1-related extracellular matrix protein 1; extracellular matrix protein QBRICK

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Entrez Gene ID	<a href="#">158326</a>
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mRNA Refseq	<a href="#">NM_001177704</a>
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Protein Refseq	<a href="#">NP_001171175</a>
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UniProt ID	Q5H8C1
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Function	carbohydrate binding; metal ion binding
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