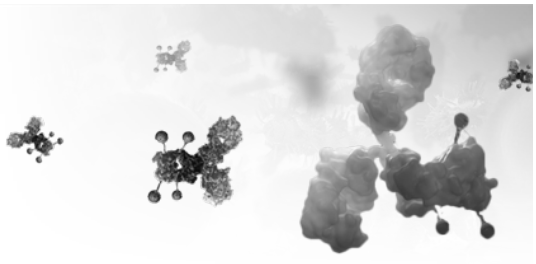

Mouse EIF2S3 peptide (DAG-P1516)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is the largest subunit of a heterotrimeric GTP-binding protein involved in the recruitment of methionyl-tRNA(i) to the 40 S ribosomal subunit. [provided by RefSeq, Jan 2010]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the GTP-binding elongation factor family. EIF2G subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	EIF2S3 eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa [Homo sapiens (human)]
Official Symbol	EIF2S3
Synonyms	EIF2S3; eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa; EIF2; EIF2G; eIF-2gA; EIF2gamma; eukaryotic translation initiation factor 2 subunit 3; eIF-2gX; eIF-2-gamma X; eukaryotic translation initiation factor 2G; eukaryotic translation initiation factor 2 subunit gamma X;
Entrez Gene ID	1968
mRNA Refseq	NM_001415.3

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Protein Refseq	NP_001406.1
UniProt ID	P41091
Chromosome Location	Xp22.2-p22.1
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Formation of the ternary complex, and subsequently, the 43S complex, organism-specific biosystem; GTP hydrolysis and joining of the 60S ribosomal subunit, organism-specific biosystem; Gene Expression, organism-specific biosystem; L13a-m
Function	GTP binding; GTPase activity; protein binding; translation factor activity, nucleic acid binding; translation initiation factor activity;

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