



SELK blocking peptide (CDBP6087)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This selenoprotein is localized to the endoplasmic reticulum and is highly expressed in the heart, where it may function as an antioxidant. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SELK selenoprotein K [Homo sapiens (human)]
Official Symbol	SELK
Synonyms	SELK; SelK; HSPC030; HSPC297; selenoprotein K
Entrez Gene ID	58515
mRNA Refseq	NM_021237

Protein Refseq	NP_067060
UniProt ID	Q9Y6D0
Pathway	Integrated Breast Cancer Pathway; Selenium Metabolism and Selenoproteins; Selenium Pathway