



[Go to Product page](#)

Datasheet for ABIN1667907

SMOK1 Protein (AA 1-654) (His tag)

Overview

Quantity:	1 mg
Target:	SMOK1
Protein Characteristics:	AA 1-654
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMOK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MKRWQVCQDL RSSPFQEDAL TDHYRILASL GQGGFGEVKL ASHLLTQTKV AIKVLPKSNK</p> <p>NLLLKSEIEI MKSLDHPHII KLLHIIDTNE NIFIVLEHAV GGELLTRIED FGYPPEECN RLFRQMV LAL</p> <p>QYCHQRGIIH RDIKPENILL DHKGNVKLSD FGLSTKIVMG QKLTTLCGTL PYCAPELFNL</p> <p>NGYDGGQADV WSLGVVLYYM ATGCLPFQGF TYQAIKQKIL SGRYSVNFRL SPDLWDVIAK</p> <p>LLTVNPRERP RVHEILRFNW LKNENEVSPS SLGGNTDSHP DPTILVMMGD MGYEQGQIRE</p> <p>SLRERKFDQV MATYLMLREK ACSEDKSIKT PHPTQCAQTL KSTGSTTEKQ TTLRRGSSLP</p> <p>TLTTFYLP SK LESLNKEKRT TMRHTMPPNL NCFNKSESLN KGRRTIVSHT ISPTLNCFNK</p> <p>SESLNKGKRT IVRHTMPPKK TSPVRRICPR LHKSFGMGSA SEDSSKRNSS DPSLTIFSSQ</p> <p>SFMSAFKYGS TYSKRKAFLQ CILHYHASQE EDQYKTTIIP SGKLNNTVPP NSLQEDQPTG</p> <p>HLHNVLTAGA VDNRLNQEKS PPFSTTATKG EGPAIKERES IPSSPRAPRE QFRGRSQTPP</p> <p>RAPFRRRVWK TLKSGFLKGL GSLCCCLPIQ KKVHPASNRV PPMK</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	SMOK1
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Alternative Name:	Sperm motility kinase (Smok) (SMOK1 Products)
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Background:	Recommended name: Sperm motility kinase. EC= 2.7.11.1
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UniProt:	A1A5Q6
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Storage:	-20 °C
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Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.