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Datasheet for ABIN1478055

DSCC1 Protein (AA 1-380) (His tag)

Overview

Quantity:	1 mg
Target:	DSCC1
Protein Characteristics:	AA 1-380
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DSCC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSINLHSAPE YDPSYKLIQL TPELLDIIQD PVQNHQLRFK SLDKDKSEVV LCSDHDKTWVL KQRKHSNTVL LMREFVPEQP ITFDETLFLG LSKPYMDVVG FAKTESEFET RETHGELNLN SVPIYNGELD FSDKIMKRSS TKVIGTLEEL LENSPCSAL GISKWHKIGG SVKDGVLCL SQDFLFKALH VLLMSAMAES LDLQHLNVED THHAVGKDIE DEFNPYTREI IETVLNKFV QEQAENNTW RLRIPFIAQW YGIQALRKYV SGISMPIDEF LIKWKSLFPP FFPCDIDIDM LRGYHFKPTD KTVQYIAKST LPMDPKERFK VLFRLQSQWD LEDIKPLIEE LNSRGMKIDS FIMKYARRKR LGKKTVVTSR
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.
Purity:	> 90 %

Target Details

Target:	DSCC1
Alternative Name:	Sister chromatid cohesion protein DCC1 (DCC1) (DSCC1 Products)
Background:	Recommended name: Sister chromatid cohesion protein DCC1. Alternative name(s): Defective in sister chromatid cohesion protein 1
UniProt:	P25559

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.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.