



DISP1 blocking peptide (CDBP5383)

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

PRODUCT INFORMATION

Antigen Description	The pattern of cellular proliferation and differentiation that leads to normal development of embryonic structures often depends upon the localized production of secreted protein signals. Cells surrounding the source of a particular signal respond in a graded manner according to the effective concentration of the signal, and this response produces the pattern of cell types constituting the mature structure. A novel segment-polarity gene known as dispatched has been identified in <i>Drosophila</i> and its protein product is required for normal Hedgehog (Hh) signaling. This gene is one of two human homologs of <i>Drosophila</i> dispatched and, based on sequence identity to its mouse counterpart, the encoded protein may play an essential role in Hh patterning activities in the early embryo. [provided by RefSeq, Jul 2008]
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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	DISP1 dispatched homolog 1 (Drosophila) [Homo sapiens (human)]
Official Symbol	DISP1
Synonyms	DISP1; dispatched homolog 1 (Drosophila); DISPA; protein dispatched homolog 1; dispatched

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Entrez Gene ID	84976
mRNA Refseq	NM_032890
Protein Refseq	NP_116279
UniProt ID	Q96F81
Function	hedgehog receptor activity; peptide transporter activity