

## Recombinant Human DSCAM, His-tagged

Cat. No. DSCAM-12170H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DSCAM protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-100a.a.
<b>Description</b>	This gene is a member of the immunoglobulin superfamily of cell adhesion molecules (Ig-CAMs), and is involved in human central and peripheral nervous system development. This gene is a candidate for Down syndrome and congenital heart disease (DSCHD). A gene encoding a similar Ig-CAM protein is located on chromosome 11. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	DSCAM Down syndrome cell adhesion molecule [ Homo sapiens ]
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<b>Official Symbol</b>	DSCAM
<b>Synonyms</b>	DSCAM; Down syndrome cell adhesion molecule; CHD2 42; CHD2 52; CHD2; human CHD2-52 down syndrome cell adhesion molecule; CHD2-42; CHD2-52;
<b>Gene ID</b>	1826
<b>mRNA Refseq</b>	NM_001389
<b>Protein Refseq</b>	NP_001380
<b>MIM</b>	602523
<b>UniProt ID</b>	O60469
<b>Chromosome Location</b>	21q22.2-q22.3
<b>Pathway</b>	Cell-Cell communication, organism-specific biosystem; DSCAM interactions, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem;
<b>Function</b>	protein binding;

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