

Active Recombinant Human DSCAM

Cat. No. DSCAM-1000H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSCAM (Accession # O60469) Glu18-Met1595, fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu18-Met1595
Predicted N Terminal	Glu18
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind biotinylated rhDSCAM in a functional ELISA with an apparent KD < 10 nM.
Molecular Mass	Recombinant Human DSCAM has a calculated MW of 175 kDa. In SDS-PAGE migrates as 180-195 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [DSCAM Down syndrome cell adhesion molecule \[Homo sapiens \]](#)

Official Symbol DSCAM

Synonyms DSCAM; Down syndrome cell adhesion molecule; CHD2 42; CHD2 52; CHD2; human CHD2-52 down syndrome cell adhesion molecule; CHD2-42; CHD2-52;

Gene ID [1826](#)

mRNA Refseq [NM_001389](#)

Protein Refseq [NP_001380](#)

MIM [602523](#)

UniProt ID O60469

Chromosome Location 21q22.2-q22.3

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