

Recombinant Human DSE cell lysate

Cat. No. DSE-511HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a tumor-rejection antigen. This antigen possesses tumor epitopes capable of inducing HLA-A24-restricted and tumor-specific cytotoxic T lymphocytes in cancer patients and may be useful for specific immunotherapy. This gene product is localized to the endoplasmic reticulum. Two transcript variants encoding the same protein have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	DSE dermatan sulfate epimerase [Homo sapiens]
Official Symbol	DSE
Synonyms	DSE; dermatan sulfate epimerase; SART2, squamous cell carcinoma antigen recognized by T cells 2; dermatan-sulfate epimerase; DSEPI; DS epimerase; chondroitin-glucuronate 5-epimerase; squamous cell carcinoma antigen recognized

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	by T cells 2; squamous cell carcinoma antigen recognized by T-cells 2; DSEP; SART2; SART-2;
Gene ID	29940
mRNA Refseq	NM_001080976
Protein Refseq	NP_001074445
MIM	605942
UniProt ID	Q9UL01
Chromosome Location	6q22
Pathway	Glycosaminoglycan biosynthesis - chondroitin sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - chondroitin sulfate, conserved biosystem; dermatan sulfate biosynthesis, organism-specific biosystem; dermatan sulfate biosynthesis, conserved biosystem; dermatan sulfate biosynthesis (late stages), organism-specific biosystem; dermatan sulfate biosynthesis (late stages), conserved biosystem;
Function	chondroitin-glucuronate 5-epimerase activity; isomerase activity;