

Recombinant Human SLC45A2 cell lysate

Cat. No. SLC45A2-1634HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

This gene encodes a transporter protein that mediates melanin synthesis. The protein is expressed in a high percentage of melanoma cell lines. Mutations in this gene are a cause of oculocutaneous albinism type 4, and polymorphisms in this gene are associated with variations in skin and hair color. Multiple transcript variants encoding different isoforms 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

SLC45A2 solute carrier family 45, member 2 [Homo sapiens]

Official Symbol

SLC45A2

Synonyms

SLC45A2; solute carrier family 45, member 2; MATP, membrane associated transporter; membrane-associated transporter protein; AIM 1; underwhite; protein AIM-1; melanoma antigen AIM1; membrane associated transporter; 1A1; AIM1; MATP; SHEP5;

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Gene ID	51151
mRNA Refseq	NM_001012509
Protein Refseq	NP_001012527
MIM	606202
UniProt ID	Q9UMX9
Chromosome Location	5p13.3

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