

Recombinant Human MFSD8 293 Cell Lysate

Cat. No. MFSD8-4344HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for major facilitator superfamily domain containing 8 (MFSD8) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name MFSD8 major facilitator superfamily domain containing 8 [Homo sapiens]

Official Symbol MFSD8

Synonyms MFSD8; major facilitator superfamily domain containing 8; ceroid lipofuscinosis, neuronal 7, late infantile, variant , CLN7; major facilitator superfamily domain-containing protein 8; MGC33302; ceroid-lipofuscinosis neuronal protein 7; ceroid-lipofuscinosis, neuronal 7, late infantile; CLN7;

Gene ID 256471

mRNA Refseq NM_152778

Protein Refseq NP_689991

MIM 611124

UniProt ID Q8NHS3

Chromosome Location 4q28.2

Pathway Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;

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