



## MFSD1 (NM\_001167903) Human Over-expression Lysate

E45H00421-

**Catalog Number:**E45H00421-2**NCBI Gene ID:**64747**Calculated MW:**52.1 kDa

**Storage:**Upon receiving, store the sample at -80°C. After dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2 x SDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.

**Cite ID#:**EN5521701**Type:**Human Lysates

**Description:**Transient overexpression lysate of major facilitator superfamily domain containing 1 (MFSD1), transcript variant 2

**Protein length:**GoldORF Clone [GH58890V]**Expression Host:**HEK293T**Species:**Human**Tag:**C-Myc/DDK

**Detection principle:**Detection Antibody: Clone LBI4C5, Anti-DDK (FLAG) monoclonal antibody ([AMM08808V])

**Kit components:**1 vial of gene specific transient over-expression cell lysate in RIPA buffer 1 vial of whole HEK293T cell lysate in RIPA buffer 1 vial of 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% glycerol, 0.002% Bromophenol blue, 100mM DTT)

**Gene symbol:**MFSD1**mRNA Refseq:**NM\_001167903**Protein Refseq:**NP\_001161375**Chromosome location:**3q25.32**Function:**Transmembrane**Form:**Liquid

**Preparation:**HEK293T cells in 10-cm dishes were transiently transfected with Leading Biology Transfection Reagent (TF002V) and 5ug Leading Biology GoldORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection.

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The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na<sub>3</sub>VO<sub>4</sub>), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.

**Synonyms:**Minerva; SMAP4

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