Recombinant Human MFSD2A Protein, GST-tagged

Cat. No. MFSD2A-4376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MFSD2 full-length ORF (NP_116182.2, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a transmembrane protein and sodium-dependent lysophosphatidylcholine transporter. The encoded protein is involved in the establishment of the blood-brain barrier and is required for brain growth and function. Defects in this gene are a cause of a progressive microcephaly syndrome. [provided by RefSeq, Mar 2017]
Molecular Mass	85 kDa
AA Sequence	MAKGEGAESGSAAGLLPTSILQSTERPAQVKKEPKKKKQQLSVCNKLCYALGGAPY QVTGCALGFFLQIYLLDVAQVGPFSASIILFVGRAWDAITDPLVGLCISKSPWTCLGRL MPWIIFSTPLAVIAYFLIWFVPDFPHGQTYWYLLFYCLFETMVTCFHVPYSALTMFIST EQTERDSATAYRMTVEVLGTVLGTAIQGQIVGQADTPCFQDLNSSTVASQSANHTH GTTSHRETQKAYLLAAGVIVCIYIICAVILILGVREQREPYEAQQSEPIAYFRGLRLVMS HGPYIKLITGFLFTSLAFMLVEGNFVLFCTYTLGFRNEFQNLLLAIMLSATLTIPIWQWF LTRFGKKTAVYVGISSAVPFLILVALMESNLIITYAVAVAAGISVAAAFLLPWSMLPDVI DDFHLKQPHFHGTEPIFFSFYVFFTKFASGVSLGISTLSLDFAGYQTRGCSQPERVK FTLNMLVTMAPIVLILLGLLLFKMYPIDEERRRQNKKALQALRDEASSSGCSETDSTE

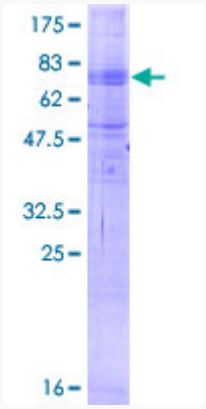
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	LASIL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MFSD2A major facilitator superfamily domain containing 2A [Homo sapiens (human)]
Official Symbol	MFSD2A
Synonyms	MFSD2A; major facilitator superfamily domain containing 2A; NLS1; MFSD2; MCPH15; sodium-dependent lysophosphatidylcholine symporter 1; major facilitator superfamily domain-containing protein 2A; sodium-dependent LPC symporter 1
Gene ID	https://www.ncbi.nlm.nih.gov/gene/?term=84879
mRNA Refseq	NM_001136493
Protein Refseq	NP_001129965
MIM	614397

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UniProt ID	Q8NA29
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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