

Recombinant Full Length Human MFSD2A Protein, GST-tagged

Cat. No. MFSD2A-6199HF **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	In Vitro Cell Free System
ProteinLength	530 amino acids
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 QVTGCALGFFLQIYLLDVAQVGPFSSASILFVGRAWDAITDPLVGLCISKSPWTCLGRL MPWIIFFSTPLAVIAYFLIWFVPDFPHGQTYWYLLFYCLFETMVTCFHVPYSALTMFIST EQTERDSATAYRMTVEVLGTVLGTAIQGQIVGQADTPCFQDLNSSTVASQSANHTH GTTSHRETQKAYLLAAGVIVCIYIICAVILILGVREQREPYEAQQSEPIAYFRGLRLVMS HGPYIKLITGFLFTSLAFMLVEGNFVLFCTYTLGFRNEFQNLLLAIMLSATLTIPWQWF LTRFGKKTAVYVGISSAVPFLILVALMESNLIITYAVAVAAGISVAAAFLLPWSMLPDVI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DDFHLKQPHFHGTEPIFFSFYVFFTKFASGVSLGISTLSLDFAGYQTRGCSQPERVK
FTLNMLVTMAPIVLILLGLLLFKMYPIDEERRRQNKALQALRDEASSSGCSETDSTE
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-HCl, 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

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MIM	614397
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UniProt ID	Q8NA29
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