

Recombinant Full Length Human MFSD8 Protein

Cat. No. MFSD8-6204HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MFSD8 full-length ORF (ADZ15480.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	518 amino acids
Description	This gene encodes a ubiquitous integral membrane protein that contains a transporter domain and a major facilitator superfamily (MFS) domain. Other members of the major facilitator superfamily transport small solutes through chemiosmotic ion gradients. The substrate transported by this protein is unknown. The protein likely localizes to lysosomal membranes. Mutations in this gene are correlated with a variant form of late infantile-onset neuronal ceroid lipofuscinoses (vLINCL). [provided by RefSeq]
Form	Liquid
Molecular Mass	57 kDa
AA Sequence	MAGLRNESEQEPLLGDTPGSREWDILETEEHYKSRWRSIRILYLTMFLSSVGFSVVM MSIWPYLQKIDPTADTSFLGWVIASYSLGQMVASPIFGLWSNYRPRKEPLIVSILISVA ANCLYAYLHIPASHNKYYMLVARGLLGIGAGNVAVVRSYTAGATSLQERTSSMANIS MCQALGFILGPVFQTCFTFLGEKGVTDVVIKLQINMYTTPVLLSAFLGILNIILAILRE HRVDDSGRQCKSINFEEASTDEAQVPQGNIDQVAVVAINVLFVTLFIFALFETIITPLT

 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

MDMYAWTQEQAVLYNGIILAALGVEAVVIFLGVKLLSKKIGERAILLGGGLIVVWVGFFIL
LPWGNQFPKIQWEDLHNNNSIPNTTFGEIIGLWKSPMEDDNERPTGCSIEQAWCLYT
PVIHLAQFLTSAVLIGLGYPCNLMSYTLYSKILGPKPQGVYMGWLTASGSGARILGP
MFISQVYAHWGPRWAFSLVCGIIVLTITLLGVVYKRLIALSVRYGRIQE

Applications	Antibody Production Functional Study Compound Screening
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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MIM	611124
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UniProt ID	Q8NHS3
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