

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 MSIWPYLQKIDPTADTSFLGWVIASYSGLQMVASPIFGLWSNYRPRKEPLIVSILISVA ANCLYAYLHIPASHNKYYMLVARGLLGIGAGNVAVVRSYTAGATSLQERTSSMANIS MCQALGFILGPVFQTCFTFLGEKGVTDVVIKLQINMYTTPVLLSAFLGILNIILAILRE HRVDDSGRQCKSINFEEASTDEAQVPQGNIDQVAVVAINVLFVTLFIFALFETIITPLT

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MDMYAWTQEQAVLYNGIILAALGVEAVVIFLGVKLLSKKIGERAILLGGGLIVVWVGFFIL
LPWGNQFPKIQWEDLHNNNSIPNTTFGEIIIGLWKSPMEDDNERPTGCSIEQAWCLYT
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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