

Recombinant Human MFSD8 Protein

Cat. No. MFSD8-4372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MFSD8 full-length ORF (ADZ15480.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 HRVDDSGRQCKSINFEEASTDEAQVPQGNIDQVAVVAINVLFFVTLFIFALFETIITPLT MDMYAWTQEQAVALYNGIILAALGVEAVVIFLGVKLLSKKIGERAILLGLIVVWVGFFIL LPWGNQFPKIQWEDLHNNSIPNTTFGEIIIGLWKSPMEDDNERPTGCSIEQAWCLYT

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	PVIHLAQFLTSAVLIGLGYPVCNLMSYTLYSKILGPKPQGVYMGWLTASGSGARILGPMFISQVYAHWGPRWAFSLVCGIIVLTITLLGVVYKRLIALSVRYGRIQE
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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

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Protein Refseq	NP_689991
MIM	611124
UniProt ID	Q8NHS3

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