

# Recombinant Human MFSD2A protein, His-tagged

**Cat. No.** MFSD2A-9565H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MFSD2A protein(453-530 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 453-530 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |

## GENE INFORMATION

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| <b>Official Symbol</b> | MFSD2A                                                   |
| <b>Synonyms</b>        | NLS1; MFSD2; MCPH15; SLC59A1; HsMFSD2A; NEDMISBA; MFSD2A |

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|                       |              |
|-----------------------|--------------|
| <b>Gene ID</b>        | 84879        |
| <b>mRNA Refseq</b>    | NM_001136493 |
| <b>Protein Refseq</b> | NP_001129965 |
| <b>MIM</b>            | 614397       |
| <b>UniProt ID</b>     | A8K675       |

**SDS-PAGE**


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