

## Recombinant Full Length Human Fatty Acid 2-Hydroxylase(Fa2H) Protein, His-Tagged

**Cat. No.** RFL6729HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Fatty acid 2-hydroxylase(FA2H) Protein (Q7L5A8) (1-372aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Full Length (1-372)                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MAPAPPPAASFSPSEVQRRRLAAGACWVRRGARLYDLSSFVRHHPGGEQLLRARAG<br>QDISA DLDGPPHRHSANARRWLEQYYVGELRGEQQGSMENEPVALEETQKTDPA<br>MEPRFKVVDWD KDLVDWRKPLLWQVGHLGEKYDEWVHQPVTRPIRLFHSDLIEGL<br>SKTVWYSVPIIWVPLV LYLSWSYYRTFAQGNVRLFTSFTTEYTVAVPKSMFPGLFML<br>GTFLWSLIEYLIHRFLFHM KPPSDSYYLIMLHFVMHGGQHHKAPFDGSRLVFPPVPAS<br>LVIGVFYLCMQLILPEAVGGTV FAGGLLGYVLYDMTHYYLHFGSPHKGSYLYSLKAH<br>HVKHHFAHQSGFGISTKLWDYCFH TLTPEKPHLKTQ |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                     |

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

for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

FA2H

**Synonyms**

FA2H; FAAH; FAXDC1; Fatty acid 2-hydroxylase; Fatty acid alpha-hydroxylase; Fatty acid hydroxylase domain-containing protein 1

**UniProt ID**

[Q7L5A8](#)

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