

Recombinant Full Length Mouse 12-(S)-Hydroxy-5,8,10,14-Eicosatetraenoic Acid Receptor Protein, His-Tagged

Cat. No. RFL13652MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid receptor Protein (F8VQN3) (1-319aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-319)
Form	Lyophilized powder
AA Sequence	MERTNCSAASTVVETAVGTMLTLECVLGLMGNAVALWTFYRLKVVWKPYPYAVYLFNL VVAD LLLATSLPFFAAFYLKGKTWKLGHMPCQVLLFLLAFSRGVGVAFLTTVALDRY LRVVHPR LRVNLLSLRAAWGISSLIWLLMVVLTQPQLLTCRTTQNSTECPSFYPTGG AKAIATCQEV LFFLQVLLPFGLISFCNSGLIRTLQKRLRESKQPRIRRARVLAIVLLL FGLCFLPSVL TRVLVHIFQEFKSCSVQQAIVRASDIAGSLTCLHSTLSPAICYCFSPAF THSYRKVLKSL RGRRKAAESPSDNLRDSYS
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	Gpr31
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Synonyms	Gpr31; Gpr31b; Gpr31c; 12-(S-hydroxy-5,8,10,14-eicosatetraenoic acid receptor; 12-(S-HETE receptor; 12-HETER; G-protein coupled receptor 31
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UniProt ID	F8VQN3
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