

FFAR4 protein

Human FFAR4-Strep full length protein-synthetic nanodisc

CATALOG #
AAA129416

HOST
HEK293

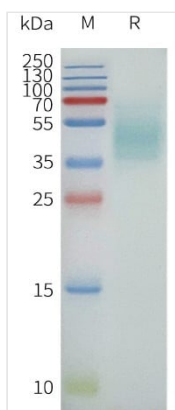
PRODUCT SYNONYMS

FFAR4; Human FFAR4-Strep full length protein-synthetic nanodisc; BMIQ10; GPR120; GPR129; GT01; O3FAR1; PGR4; FFAR4 protein

PRODUCT SPECIFICATIONS

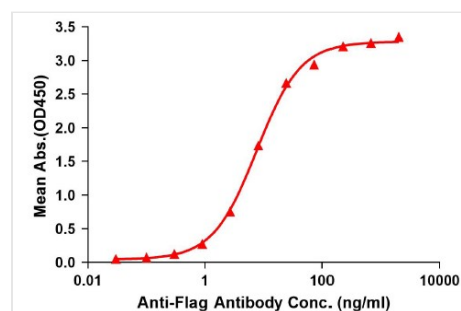
Host	HEK293
Form/Format	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Tag Information	C-DYKDDDDK&Strep Tag
Preparation and Storage	Lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



SDS-PAGE

Human FFAR4-Strep-Nanodisc, C-DYKDDDDK&Strep Tag on SDS-PAGE



ELISA

Figure 1. Elisa plates were pre-coated with C-DYKDDDDK&Strep Tag FFAR4-Strep-Nanodisc (0.2?g/per well). Serial diluted anti-DYKDDDDK monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-DYKDDDDK monoclonal antibody binding with FFAR4-Strep-nanodisc is 7.707ng/ml.

ADDITIONAL INFORMATION

Related Product Information for FFAR4 protein	Human FFAR4-Strep full length protein-synthetic nanodisc
Product Categories/Family for FFAR4 protein	Druggable Genome; Transmembrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	307691233
NCBI GeneID	338557
NCBI Accession #	NP_001182684.1

NCBI GenBank Nucleotide #	NM_001195755.1
UniProt Accession #	Q5NUL3 ; Q495H1 ; Q5VY25 ; Q5VY26 ; Q7Z605 ; Q86SM7
Molecular Weight	The human full length FFAR4-Strep protein has a MW of 42.2 kDa. The protein is a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and parti
NCBI Official Full Name	free fatty acid receptor 4 isoform GPR120-S
NCBI Official Synonym Full Names	free fatty acid receptor 4
NCBI Official Symbol	FFAR4
NCBI Official Synonym Symbols	GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1
NCBI Protein Information	free fatty acid receptor 4; omega-3 fatty acid receptor 1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4
UniProt Protein Name	Free fatty acid receptor 4
UniProt Gene Name	FFAR4
UniProt Synonym Gene Names	GPR120; GPR129; O3FAR1; PGR4
UniProt Entry Name	FFAR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hek293-protein/ffar4/129416>