

Recombinant Human FCAR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FCAR-2297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FCAR MS Standard C13 and N15-labeled recombinant protein (NP_001991) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Molecular Mass	32.3 kDa
AA Sequence	MDPKQTLLCLVLCGLGQRIQAQEGDFPMPFISAKSSPVIPLDGSVKIQCQAIREAYLT QLMIIKNSTYREIGRRLKFWNETDPEFVIDHMDANKAGRYQCQYRIGHYRFRYSDDL ELVVTGLYGKPFSLADRGLVLMPGENISLTCSSAHIPFDRFSLAKEGELSLPQHQS G EHPANFSLGPVDLNVSGIYRCYGWYNRSPYLWSFPSNALELVVTDSIHQDYTTQNLI

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RMAVAGLVLVALLAILVENWHSHTALNKEASADVAEPSWSQQMCQPGLTFARTPSV
CKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FCAR Fc fragment of IgA receptor [Homo sapiens (human)]

Official Symbol FCAR

Synonyms FCAR; Fc fragment of IgA, receptor for; immunoglobulin alpha Fc receptor; CD89; IgA Fc receptor; Fc alpha receptor;

Gene ID 2204

mRNA Refseq NM_002000

Protein Refseq NP_001991

MIM 147045

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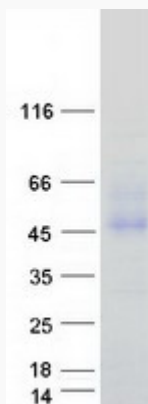
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UniProt ID

P24071

SDS-PAGE

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