

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	MDPKQTTLLCLVLCGLGQRIQAQEGDFPMPFISAKSSPVIPLDGSVKIQCAIREAYLT QLMIIKNSTYREIGRRLKFWNETDPEFVIDHMDANKAGRYQCQYRIGHYRFYRSDTL 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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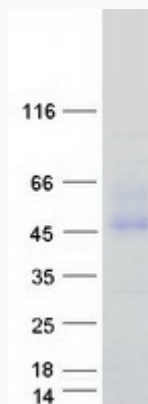
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UniProt ID

P24071

SDS-PAGE

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