

## Product datasheet for PH306601

### CD89 (FCAR) (NM\_002000) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FCAR MS Standard C13 and N15-labeled recombinant protein (NP_001991)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206601
Predicted MW:	32.3 kDa
Protein Sequence:	>RC206601 protein sequence Red=Cloning site Green=Tags(s)  MDPKQTLLCLVLCLGQRIQAQEGDFPMPFISAKSSPVIPLDGSVKIQCQAIREAYLTQLMIKNSTYRE IGRRLLKFWNETDPEFVIDHMDANKAGRYQCQYRIGHYRFYSDTLELVVTGLYGKPFLSADRGLVLMPE NISLTCSSAHIPDRFSLAKEGELSLPQHQSGEHPANFSLGPVDLNVSGIYRCYGWYNRSPYLWSFPSNA LELVVTDSEIHDYTTQNLIRMAVAGLVLLALLVENWHSHTALNKEASADVAEPSWSQMCQPLTFA RTPSVCK  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001991</u>
RefSeq Size:	1671
RefSeq ORF:	861
Synonyms:	CD89; CTB-61M7.2; FcalphaRI
Locus ID:	2204



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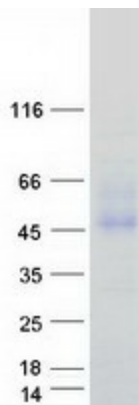
UniProt ID: [P24071](#), [Q92588](#)

Cytogenetics: 19q13.42

**Summary:** 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-opsionized 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. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified FCAR protein (Cat# [TP306601]). The protein was produced from HEK293T cells transfected with FCAR cDNA clone (Cat# [RC206601]) using MegaTran 2.0 (Cat# [TT210002]).