

## Product datasheet for TP306601

### CD89 (FCAR) (NM\_002000) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgA, receptor for (FCAR), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206601 protein sequence Red=Cloning site Green=Tags(s)

MDPKQTTLLCLVLCLGQRIQAQEGDFPMPFISAKSSPVIPLDGSVKIQCQAIREAYLTQLMIKNSTYRE  
IGRRLKFWNETDPEFVIDHMDANKAGRYQCQYRIGHYRFYSDTLELVVTGLYGKPFLSADRGLVLMPE  
NISLTCSSAHIPFDRFSLAKEGELSLPQHQSGEHPANFSLGPDNLNVSGIYRCYGWYNRSPYLWSFSPNA  
LELVVTDSIHQDYTTQNLIRMAVAGLVLLVALLAILVENWHSHTALNKEASADVAEPSWSQQMCQPGLTFA  
RTPSVCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	29.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001991</a>
Locus ID:	2204



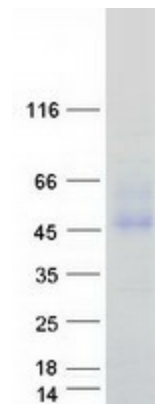
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UniProt ID: [P24071, Q92588](#)  
RefSeq Size: 1671  
Cytogenetics: 19q13.42  
RefSeq ORF: 861  
Synonyms: CD89; CTB-61M7.2; FcalphaRI

**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]).