

Datasheet for ABIN6961136
CSF3R Protein (AA 25-622) (His tag)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CSF3R
Protein Characteristics:	AA 25-622
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSF3R protein is labelled with His tag.

Product Details

Purpose:	Recombinant human CD114 protein with C-terminal 6xHis tag
Specificity:	CD114 (Glu25-Pro622) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CSF3R
Alternative Name:	CD114 (CSF3R Products)
Background:	The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that

Target Details

controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.

Molecular Weight: predicted molecular mass of 67.5 kDa after removal of the signal peptide. The apparent molecular mass of CD114-His is 100-110 kDa due to glycosylation.

Gene ID: 1441

UniProt: [Q99062](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

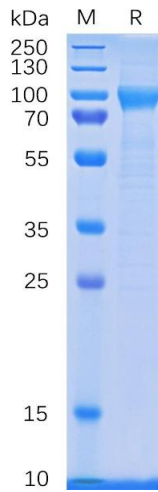
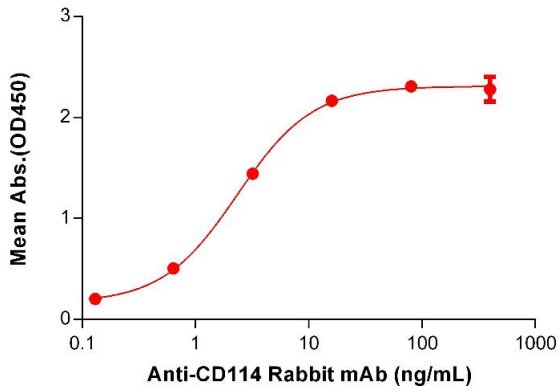
Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in 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.

Expiry Date: 12 months

Human CD114, His tagged protein ELISA

0.1 µg of Human CD114, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human CD114 protein, His Tag (ABIN6961136, ABIN7042301 and ABIN7042302) can bind Anti-CD114 Rabbit mAb in a linear range of 0.128-16 ng/mL.

SDS-PAGE

Image 2. Human CD114 Protein, His Tag on SDS-PAGE under reducing condition.