

Cytokine receptor common subunit gamma (IL2RG) Active Protein | IL2RG active protein

Recombinant Macaca mulatta Cytokine receptor common subunit gamma (IL2RG), partial (Active)

CATALOG #
AAA279366

HOST
Mammalian Cell

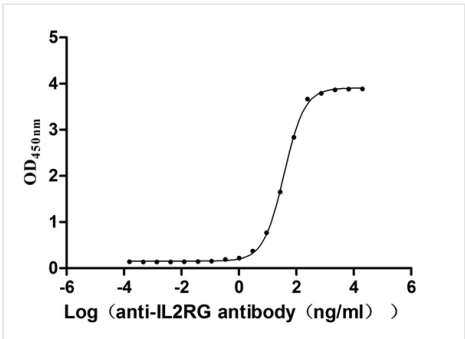
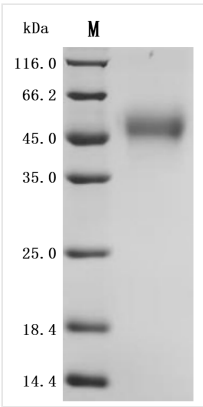
PRODUCT SYNONYMS

Cytokine receptor common subunit gamma (IL2RG); Recombinant Macaca mulatta Cytokine receptor common subunit gamma (IL2RG); partial (Active); Cytokine receptor common subunit gamma; Interleukin 2 receptor subunit gamma; Membrane receptor IL2rg; IL2RG active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	LNTTILTPNG NEDATDFFL TSMPTDSLVS STLPLPEVQC FVFNVEYMNC TWNSSSEPQP TNLTLHYWYK NSDNDKVQKC SHYLFSEIT SGCQLQEKEI HLYQTFVVQL QDPREPRRQA TQMLKLQNLV IPWAPENLTL RKLSESQLEL NWNNRFLNHC LEHLVQYRTD WDSHWTEQSV DYRHKFSLPS VDGQKRYTFR VRSRFPNPLCG SAQHWSEWSH PIHWGSNSSK ENP
Sequence Length	23-255aa; Partial
Species	Macaca mulatta (Rhesus macaque)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rhesus macaque IL2RG at 2ug/mL can bind Anti-IL2RG recombinant antibody . The EC50 is 33.73-41.04ng/mL.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Activity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for IL2RG active protein	Immunology
References	Evolutionary and biomedical insights from the rhesus macaque genome. Gibbs R.A., Rogers J., Katze M.G., Bumgarner R., Weinstock G.M., Mardis E.R., Remington K.A., Strausberg R.L., Venter J.C., Zwing A.S.Science 316:222-234 (2007)

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q38JL2
Molecular Weight	28.8kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/cytokine-receptor-common-subunit-gamma-il2rg/279366>