

Recombinant Full Length Rat T-Cell Surface Glycoprotein Cd4(Cd4) Protein, His-Tagged

Cat. No. RFL13750RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat T-cell surface glycoprotein CD4(Cd4) Protein (P05540) (28-457aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-457)
Form	Lyophilized powder
AA Sequence	KTVVLGKEGGS AELPCESTSRRSASFAWKSSDQKILGYKNKLLIKGSLELYSRFDS RKN A W E R G S F P L I I N K L R M E D S Q T Y V C E L E N K K E E V E L W V F R V T F N P G T R L L Q G Q S L T L I L D S N P K V S D P P I E C K H K S S N I V K D S K A F S T H S L R I Q D S G I W N C T V T L N Q K K H S F D M K L S V L G F A S T S I T A Y K S E G E S A E F S F P L N L G E E S L Q G E L R W K A E K A P S S Q S W I T F S L K N Q K V S V Q K S T S N P K F Q L S E T L P L T L Q I P Q V S L Q F A G S G N L T L T L D R G I L Y Q E V N L V V M K V T Q P D S N T L T C E V M G P T S P K M R L I L K Q E N Q E A R V S R Q E K V I Q V Q A P E A G V W Q C L L S E G E E V K M D S K I Q V L S K G L N Q T M F L A V V L G S A F S F L V F T G L C I L F C V R C R H Q Q R Q A A R M S Q I K R L L S E K K T C Q C S H R M Q K S H N L I
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Cd4
Synonyms	Cd4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; W3/25 antigen; CD antigen CD4
UniProt ID	P05540

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