

AR51840PU-S

Human CD4 (26-396, His-tag) - Purified

Alternate names:

T-cell surface antigen T4/Leu-3, T-cell surface glycoprotein CD4

Quantity:

20 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

CD4 also known as T-cell surface glycoprotein CD4. CD4 functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system.

Uniprot ID:

[P01730](#)

NCBI:

[NP_000607](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris 8.0 containing 10% glycerol.

Description:

Recombinant human CD4, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSHMKKVV L GKKGDTVELT CTASQKKSIQ FHWKNSNQIK
ILGNQGSFLT KGPSKLNDR A DSRRLWDQG NFPLIIKNL K IEDSDTYICE VEDQKEEVQL
LVFGLTANS D THLLQGQSL T LTLESPPGSS PSVQCRSPRG KNIQGGKTL S VSQLELQDSG
TWTCTVLQN Q KKVEFKIDIV VLAFAQASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWW
QAERASSSKS WITFDLKNKE VSVKRVTD P KLQMGKKLPL HLTLPQALP Q YAGSGNLTLA
LEAKTGKLH Q EVNLVVMRAT QLQKNLTCEV WGPTSPKLML SLKLENKEAK VSKREKAVVW
LNPEAGMWQC LLSDSGQVLL ESNIKVLPTW STPVQP

Molecular weight: 44 kDa (396aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

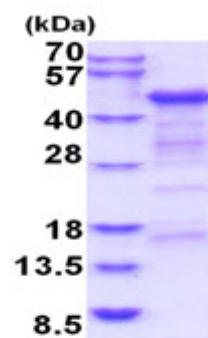
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Petris G., et al. (2014) J. Biol. Chem. 289 (1), 1-12 Cha Z., et al. (2013) Tumour Biol. 34 (6), 3579-3585

Pictures:



15% SDS-PAGE (3ug)