

CD4, 26-396aa, Human, His tag, E.coli

Cat.NO.: TP01513

3th Edition

Synonyms:T-cell surface glycoprotein CD4 isoform 1, CD4mut

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

Form:Liquid. In 20mM Tris 8.0 containing 10% glycerol

Molecular Weight:44kDa (396aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMKKVVLGKKGDTVELTCTASQKKSIFHWKNSNQIKILGNQGSFLTCKGPSK
LNDRADSRRLWDQGNFPLIKNLKI ESDTYICEVEDQKEEVQLLVFGLTANS DTHLLQGQSLTLTLESPPGSSPSV
QCRSPRGKNIQGGKTL SVSQLELQDSGTWTCTVLQNQKKVEFKIDIVLAFQKASSIVYKKEGEQVEFSFLAFTVE
KLTGSGELWWQAERASSSKSWITFDLKNKEVSVKRVTQDPKLMGKKLPLHLTLPQALPQYAGSGNLTALAEAKT
GKLHQEVNLLVVMRATQLQKNLTCEVWGPTSPKLMLSLKLENKEAKVSKREKAVVVLNPEAGMWQCLLSDSGQVL
LESNIKVLPTWSTPVQP

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.