

CECR1, 30-511aa, Human, His tag, Baculovirus

Cat.NO.: TP01575

3th Edition

Synonyms:Adenosine deaminase CECR1 isoform, CECR1, ADA2, ADGF, IDGFL, PAN, SNEDS

Description:CECR1, also known as adenosine deaminase CECR1 isoform, is a member of a family of adenosine deaminase-related growth factors. Adenosine deaminase is one of the key enzymes of purine nucleotide metabolism. CECR1 is a secreted protein that is expressed in many tissues, with the highest expression in lymphoblasts, heart, lung, and placenta. Recombinant human CECR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:56.9kDa (490aa), 50-70KDa (SDS-PAGE under reducing conditions.)

Sequences:

IDETRAHLLLKEKMMRLGGRLVLNTKEELANERLMTLTKIAEMKEAMRTLIFPPSMHFFQAKHLIERSQVFNILRMMPK
GAALHLHDIGIVTMDWLVRNVTYRPHCHICFTPRGIMQFRFAHPTPRPSEKCSKWILLEDYRKRQVQNVTEFDDSLLR
NFTLVQHPQPEVIYTNQNVVWSKFETIFFTISGLIHYAPVFRDYVFRSMQEFYEDNVLYMEIRARLLPVYELSGEHHDE
EWSVKTYQEVAQKQFVETHPEFIGIKIISDHRSKDVAVIAESIRMAMGLRIKFPTVVAGFDLVGHEDTGHSLHLDYKEA
LMIPAKDGVKLPYFFHAGETDWQGTSIDRNILDALMLNTRIGHGFALSHPAVRTYSWKKDPIEVCPISNQVLKLV
SDLRNHPVATLMTATGHPMVISSDDPAMFGAKGLSYDFYEVFMGIGGMKADLRITLKQLAMNSIKYSTLLESEKNTFM
EIWKKRWDFIADVATKLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

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.