

Recombinant Human CECR1 protein, His-tagged

Cat. No. CECR1-68H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CECR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	56.9kDa (490aa)50-70KDa (SDS-PAGE under reducing conditions.)
AA Sequence	IDETRAHLLL KEKMMRLGGR LVLNTKEELA NERLMTLKIA EMKEAMRTL FPPSMHFFQA KHLIERSQVF NILRMMPKGA ALHLHDIGIV TMDWLVRNVTYRPHCHICFT PRGIMQFRFA HPTPRPSEKC SKWILLEDYR KRVQNVTEFD DSLLRNFTLV TQHPEVIYTN QNVVWSKFET IFFTISGLIH YAPVFRDYVFRSMQEFYEDN VLYMEIRARL LPVYELSGEH HDEEWSVKTY QEVAQKFVET HPEFIGIKII YSDHRSKDVA VIAESIRMAM GLRIKFPTVV AGFDLVGHEDTGHSLHDYKE ALMIPAKDGV KLPYFFHAGE TDWQGTSIDR NILDALMLNT TRIGHGFALS KHPAVRTYSW KKDIPIEVCP ISNQVLKLV

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DLRNHPVATLMATGHPMVIS SDDPAMFGAK GLSYDFYEVF MGIGGMKADL
RTLKQLAMNS IKYSTLLESE KNTFMEIWKK RWDKFIADVA TKLEHHHHHH

Endotoxin < 1.0 EU per 1 microgram of protein (determined by LAL method)

Purity >90% by SDS - PAGE

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

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

GENE INFORMATION

Gene Name CECR1 cat eye syndrome chromosome region, candidate 1 [Homo sapiens]

Official Symbol CECR1

Synonyms CECR1; IDGFL; ADGF; adenosine deaminase 2; ADA2

Gene ID 51816

mRNA Refseq NM_017424

Protein Refseq NP_059120

MIM 607575

UniProt ID Q9NZK5

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Chromosome Location	22q11.2
Function	adenosine deaminase activity; adenosine receptor binding; growth factor activity; growth factor activity; heparin binding; hydrolase activity; metal ion binding; protein homodimerization activity; proteoglycan binding; zinc ion binding;

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