
Product Data Sheet

Product Name: CECR1 Human
 Cat. No.: GP23118
 Batch No.: 1

Product Data

Purity	>98%	Source	Insect Cell.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cat Eye Syndrome Chromosome Region; Candidate 1; Cat Eye Syndrome Critical Region Protein 1; IDGFL; ADA2; ADGF; Adenosine Deaminase 2; EC 3.5.4.4; SNEDS; PAN; CECR1.		
Amino Acid Sequence	IDETRAHLLL KEKMMRLGGR LVLNTKEELA NERLMTLKIA EMKEAMRTL FPPSMHFFQA KHLIERSQVF NILRMMPKGA ALHLHDIGIV TMDWLVRNVT YRPHCHICFT PRGIMQFRFA HPTPRPSEKC SKWILLEDYR KRVQNVTEFD DSSLRNFTLV TQHPEVIYTN QNVVWSKFET IFFTISGLIH YAPVFRDYVF RSMQEFYEDN VLYMEIRARL LPVYELSGEH HDEEWSVKTY QEVAQKFVET HPEFIGIKII YSDHRSKDVA VIAESIRMAM GLRIKFPTVV AGFDLVGHED TGHSLHDYKE ALMIPAKDGV KLPYFFHAGE TDWQGTSIDR NILDALMLNT TRIGHGFALS KHPAVRTYSW KKDPIEVCP ISNQVLKLVS DLRNHPVATL MATGHPMVIS SDDPAMFGAK GLSYDFYEVF MGIGGMKADL RTLKQLAMNS IKYSTLLESE KNTFMEIWKK RWDKFIADVA TKLEHHHHHH		
Formulation	CECR1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Adenosine deaminase CECR1 isoform (CECR1) belongs to a family of adenosine deaminase-related growth factors. Adenosine deaminase is a key enzyme of purine nucleotide metabolism. CECR1 is a secreted protein, which is expressed in various tissues, with the highest expression in the lymphoblasts, heart, lung, and the placenta.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1%

Caution: Product has not been fully validated for medical applications. For research use only.

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CECR1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 490 amino acids (30-511a.a.) and having a molecular mass of 56.9kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). CECR1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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