

Active Recombinant Human CECR1, His-tagged

Cat. No. CECR1-281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CECR1 (Accession # AAF65941) Ile30-Lys511, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	30-511 a.a.
Predicted N Terminal	Ile30
Form	Supplied as a 0.2 µ filtered solution in HEPES, NaCl, Glycerol.
Bio-activity	Measured by the ability to catalyze the hydrolytic deamination of adenosine to inosine. The specific activity is >14,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CECR1, His-tagged has a calculated MW of 57 kDa. In SDS-PAGE migrates as 58-66 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	CECR1 cat eye syndrome chromosome region, candidate 1 [Homo sapiens]
Official Symbol	CECR1
Synonyms	CECR1; cat eye syndrome chromosome region, candidate 1; IDGFL; adenosine deaminase CECR1; ADGF; adenosine deaminase 2; cat eye syndrome critical region protein 1; ADA2;
Gene ID	51816
mRNA Refseq	NM_017424
Protein Refseq	NP_059120
MIM	607575
UniProt ID	Q9NZK5
Chromosome Location	22q11.2

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