

Recombinant Human CECR1, GST-tagged

Cat. No. CECR1-11089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CECR1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	162-511a.a.
Description	This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3 mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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
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;