

Recombinant Human ADA2 protein, His & T7-tagged

Cat. No. ADA2-1830H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADA2 aa. (Ile30~Lys511 (Accession # Q9NZK5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile30~Lys511
Description	This gene encodes a member of a subfamily of the adenosine deaminase protein family. The encoded protein is one of two adenosine deaminases found in humans, which regulate levels of the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.2

GENE INFORMATION

Gene Name	ADA2 adenosine deaminase 2 [Homo sapiens (human)]
Official Symbol	ADA2
Synonyms	ADA2; adenosine deaminase 2; PAN; ADGF; CECR1; IDGFL; SNEDS; adenosine deaminase 2; adenosine deaminase CECR1; cat eye syndrome chromosome region, candidate 1; cat eye syndrome critical region protein 1
Gene ID	51816
mRNA Refseq	NM_001282225.1
Protein Refseq	NP_001269154.1

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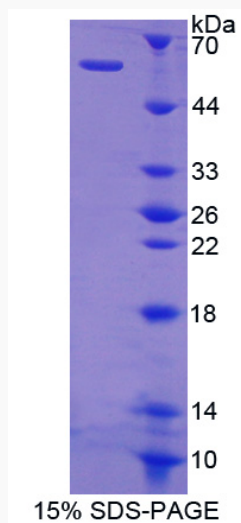
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UniProt ID

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SDS-PAGE

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