

Recombinant Human ADA2 Protein, GST-Tagged

Cat. No. ADA2-1106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADA2 full-length ORF (NP_803124.1, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2013]
Molecular Mass	57.1 kDa
AA Sequence	MDSLEWNWALVYELSGEHHDEEWSVKTYQEVAQKFVETHPEFIGIKIIYSDHRSKDV AVIAESIRMAMGLRIKFPTVAGFDLVGHEDTGHSLHDYKEALMIPAKDGVKLPYFFH AGETDWQGTSIDRNILDALMLNTRIGHGFALSKHPAVRTYSWKKDPIEVCPISNQV LKLVSDLRNHPVATLMATGHPMVISSDDPAMFGAKGLSYDFYEVFMGIGGMKADLR TLKQLAMNSIKYSTLLESEKNTFMEIWKKRWKFIADVATK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ADA2 adenosine deaminase 2 [Homo sapiens (human)]

Official Symbol ADA2

Synonyms ADA2; adenosine deaminase 2; 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

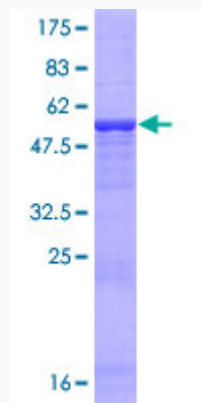
UniProt ID Q9NZK5

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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