

Recombinant Full Length Human ADA2 Protein, GST-tagged

Cat. No. ADA2-3282HF **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	In Vitro Cell Free System
ProteinLength	270 amino acids
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	MDSLEWNWALVYELSGEHHDEEWSVKTYQEVAQKFVETHPEFIGIKIISDHRSKDV AVIAESIRMAMGLRIKFPTVVAGFDLVGHEDTGHSLHDYKEALMIPAKDGVKLPYFFH AGETDWQGTSIDRNILDALMLNTRIGHGFALSKHPAVRTYSWKKDPIEVCPISNQV LKLVSDLRNHPVATLMATGHMPVISSDDPAMFGAKGLSYDFYEVFMGIGGMKADLR TLKQLAMNSIKYSTLLESEKNTFMEIWKKRWDKFIADVATK

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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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