Recombinant Full Length Human ADA2 Protein, C-Flag-tagged

Cat. No. ADA2-163HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.9 kDa
AA Sequence	MLVDGPSERPALCFLLLAVAMSFFGSALSIDETRAHLLLKEKMMRLGGRLVLNTKEE LANERLMTLKIAE MKEAMRTLIFPPSMHFFQAKHLIERSQVFNILRMMPKGAALHLH DIGIVTMDWLVRNVTYRPHCHICFTP RGIMQFRFAHPTPRPSEKCSKWILLEDYRKR VQNVTEFDDSLLRNFTLVTQHPEVIYTNQNVVWSKFETI FFTISGLIHYAPVFRDYVF RSMQEFYEDNVLYMEIRARLLPVYELSGEHHDEEWSVKTYQEVAQKFVETH PEFIG IKIIYSDHRSKDVAVIAESIRMAMGLRIKFPTVVAGFDLVGHEDTGHSLHDYKEALMIP

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

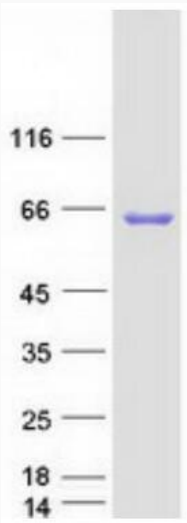
	AKDGVK LPYFFHAGETDWQGTSIDRNILDALMLNTTRIGHGFALSKHPALRTYSWK KDIPIEVCPISNQVLKLVSD LRNHPVATLMATGHPMVISSDDPAMFGAKGLSYDFYE VFMGIGGMKADLRTLKQLAMNSIKYSTLLESEK NTFMEIWKKRWDKFIADVATKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ADA2 adenosine deaminase 2 [Homo sapiens (human)]
Official Symbol	ADA2
Synonyms	PAN; ADGF; CECR1; IDGFL; SNEDS; VAIHS
Gene ID	51816

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

mRNA Refseq	NM_001282225.2
Protein Refseq	NP_001269154.1
MIM	607575
UniProt ID	Q9NZK5



Coomassie blue staining of purified CECR1 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