

## Product datasheet for PH308252

### ADA2 (NM\_017424) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CECR1 MS Standard C13 and N15-labeled recombinant protein (NP_059120)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208252
Predicted MW:	58.9 kDa
Protein Sequence:	>RC208252 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MLVDGPSEPALCFLLLAVAMSFSGSALSIDETRAHLLLEKMMRLGGRLVLNTKEELANERLMTLKIAE  
 MKEAMRTLIFPPSMHFFQAKHLIERSQVFNILRMMPKGAALHLHDIGIVTMDWLVRNVTYRPHCHICFTP  
 RGIMQFRFAHPTPRPSEKCSKWILLEDRKRVQNVTEFDDSLRNFTLVQHPVEIYTNQNVVWSKFETI  
 FFTISGLIHYAPVFRDYVFRSMQEFYEDNVL YMEIRARLLPVYELSGEHHDEEWSVKTYQEVAQKFVETH  
 PEFIGIKIISDHRKSDAVIAESIRMAMGLRIKFPTVVAGFDLVGHEDTGHSLHDYKEALMIPAKDGVK  
 LPYFFHAGETDWQGTSIDRNILDALMLNTTRIGHGFALSKHPALRTYSWKDIPVCPISNQVLKLVSD  
 LRNHPVATLMATGHPMVISDDPAMFGAKGLSYDFYEVFMGIGGMKADLRTLKQLAMNSIKYSTLLESEK  
 NTFMEIWKRWDFIADVATK

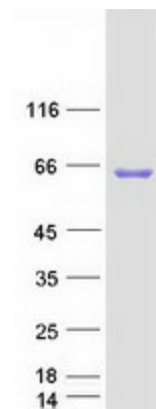
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_059120</a></u>
RefSeq Size:	3947
RefSeq ORF:	1533


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<b>Synonyms:</b>	ADA2; ADGF; IDGFL
<b>Locus ID:</b>	51816
<b>UniProt ID:</b>	<a href="#">Q9NZK5</a>
<b>Cytogenetics:</b>	22q11.1
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified CECR1 protein (Cat# [TP308252]). The protein was produced from HEK293T cells transfected with CECR1 cDNA clone (Cat# [RC208252]) using MegaTran 2.0 (Cat# [TT210002]).