

Product datasheet for TP524749

Aoc2 (NM_178932) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse amine oxidase, copper containing 2 (retina-specific) (Aoc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224749 representing NM_178932 Red=Cloning site Green=Tags(s)

MNLKVL L L L L L L G L S F L T V F A L V Y V L L T R Q G S F S Q S P R C P S I P P R I H P W T H P S Q S Q L F A D L T P E E L T A V M S F
L T K H L G P G L V D A A Q A R P S D N C V F S V E L Q L P A K A A A L A H L D R G G P P P V R E A L A I I F F G G Q P K P N V S E L V V G
P L P H P S Y M R D V T V E R H G G P L P Y Y R R P M Q K T E F V Q I W R H L K E V E L P K A P T F L A S V L N Y N G S T L A P L H S T A S
G F H A G D R A T W I A L Y H N I S G L G V F L H P V G L E L L L D H G A L D P A D W V V Q Q V F Y L G H Y Y A D L A Q L E W E F K V G R L
E V I R V P L P T P G G A S S L R P R V T P D P L P L Q F S L Q G P Q Y N I Q G N S V T S P L W T F T F G H G V F S G L R I F D I R F K
G E R V A Y E V S V Q E C L T V Y G A D S P K T M T I R Y L D S S Y G L G L N S R A L V R G V D C P Y Q A T M V D I H V L V G T G S V Q L L
P G A V C V F E E A Q G L P L R R H H N G I G G H F Y G G L A S S L V V R S V S S V G N Y D I W D F M L H P T G A L E A R V H A T G Y I
N T A F M S G G A E S L L F G N R V G E R V L G A V H T H A F H F K L D L D V A G L K N W V I A E D A V F K P V A A P W N P E L Q L Q R P Q
L T R Q V L S R E D L A A F P W G S P L P R Y L Y L A T N Q T N A W G H Q R G Y R I Q I H S P P G V H V P L E S S E E R A L S W G R Y Q L V
V T Q R K E A E P H S S S I Y Y Q N D M R S P A T V F A D F I N N E T L L G E D L V A W V T A S F L H I P H A E D I P N T V T V G N R V G F
L L R P Y N F F N E D P S I F S P G S V Y F E R D Q D A G L C S I N P V A C T Q Q L A D C V P N L P S F S Y E G L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	84 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_849263
Locus ID:	237940
UniProt ID:	Q812C9
RefSeq Size:	2553
Cytogenetics:	11 D
RefSeq ORF:	2271
Synonyms:	RAO
Summary:	Has a monoamine oxidase activity with substrate specificity for 2-phenylethylamine and tryptamine. May play a role in adipogenesis. May be a critical modulator of signal transmission in retina (By similarity).[UniProtKB/Swiss-Prot Function]