

## Product datasheet for TP305583

### ADO (NM\_032804) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 2-aminoethanethiol (cysteamine) dioxygenase (ADO)
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	Recombinant protein was produced with TrueORF clone, RC205583.
Tag:	C-Myc/DDK
Predicted MW:	29.6 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
RefSeq:	<a href="#">NP_116193</a>
Locus ID:	84890
RefSeq Size:	3739
Cytogenetics:	10q21.3
RefSeq ORF:	810
Synonyms:	C10orf22
Summary:	Human thiol dioxygenases include cysteine dioxygenase (CDO; MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO; EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine, whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine (Dominy et al., 2007 [PubMed 17581819]). [supplied by OMIM, Mar 2008]
Protein Pathways:	Metabolic pathways, Taurine and hypotaurine metabolism



[View online »](#)

**Product images:**