

Aldosterone Synthase (ALDOS) Recombinant Protein | ALDOS recombinant protein

Recombinant Aldosterone Synthase (ALDOS)

CATALOG # AAA153413	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Aldosterone Synthase (ALDOS); Recombinant Aldosterone Synthase (ALDOS); Aldosterone Synthase; ALDOS recombinant protein (prokaryotic); Human; CPN2; CYP11B; CYP11BL; CYP11B2; P450C18; P450aldo; Steroid 18-hydroxylase; Aldosterone-synthesizing enzyme; Cytochrome P450 Family 11 Subfamily B Polypeptide 2; ALDOS recombinant protein

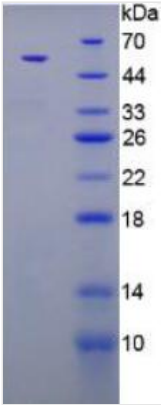
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gly25~Asn503
Applicable Applications for ALDOS recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.6
Subcellular Location	Secreted
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

GTRAARAPRTVLPEAMPQHPGNRWLRLLQWREQGYEHLHLEMHQTFQELGPFRYNLGGP
RMVCMVLPEDVEKLQQVDSLHPCRMILEPWWAYRQHRGKCGVFLNGPEWRFNRRLNPD
VLSKAVQRFPMVDVAVRDFSQALKKKVLQNRGSLTLDVQPSIFHYTIEASNLALFGERLGL
VGHSPSSASLNFHLEVMFKSTVQLMFMPSLSRWISPKVWKEHFEAWDCIFQYGDNCIQKI
YQELAFNRPHYTGIVAEILLKAELSLEAKANSMEITAGSVDTTAFPLMTLFLARNPDVQKI
LRQESLAAAASISEHPQKATTEPLLRRAALKETLRLYPVGLFLERVVSSDLVLQNYHIPAGTLVQV
FLYSLGRNAALFPRPERYNPQRWLDIRGSGRNFHVPFQGMQRCLGRRLAEAEMLLLHHVL
KHFLVETLTQEDIKMVYSFILRPGTSPLLTFRAIN

Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ALDOS recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119829183
NCBI GeneID	1585
NCBI Accession #	NP_000489.3
NCBI GenBank Nucleotide #	NM_000498.3
UniProt Accession #	P19099; Q16726; B0ZBE4
Molecular Weight	503
NCBI Official Full Name	cytochrome P450 11B2, mitochondrial
NCBI Official Synonym Full Names	cytochrome P450, family 11, subfamily B, polypeptide 2
NCBI Official Symbol	CYP11B2
NCBI Official Synonym Symbols	CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo
NCBI Protein Information	cytochrome P450 11B2, mitochondrial; cytochrome P-450C18; aldosterone synthase; cytochrome P-450Aldo; steroid 11-beta-monooxygenase; steroid 11-beta/18-hydroxylase; aldosterone-synthesizing enzyme; steroid 18-hydroxylase, aldosterone synthase, P450C18, P4
UniProt Protein Name	Cytochrome P450 11B2, mitochondrial
UniProt Gene Name	CYP11B2
UniProt Synonym Gene Names	ALDOS
UniProt Entry Name	C11B2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.