

# Recombinant Pan-species (General) Cort Protein, His-tagged, KLH Conjugated

**Cat. No.** Cort-2775P    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Pan-species (General) Cort Protein fused with a N-His tag.
<b>Species</b>	Pan-species
<b>Description</b>	Corticosterone is synthesized from cholesterol in the adrenal cortex that activates both mineralocorticoid and glucocorticoid receptors.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 346.4 Da
<b>Purity</b>	> 90%
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not

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vortex.

**Conjugation** KLH

## GENE INFORMATION

**Official Symbol** Cort

**Synonyms** Corticosterone; Cort; Corticosrone

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