

Chorionic Gonadotropin Alpha Polypeptide (CGa) Recombinant Protein | CGa recombinant protein

Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa)

CATALOG # AAA134519	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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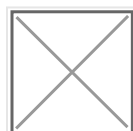
PRODUCT SYNONYMS

Chorionic Gonadotropin Alpha Polypeptide (CGa); Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa); CGa recombinant protein

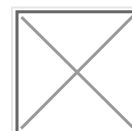
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSSEF-LP DGDFIIQGCP ECKLKENKYF SKLGAPIYQC MGCCFSRAYP TPARKKTKML VPKNITSEAT CCVAKAFTKA TVMGNARVEN HTECHCSTCY YHKS
Sequence Length	120
Applicable Applications for CGa recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Lys25~Ser120 (Accession # P01216) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753414
NCBI GeneID	12640
NCBI Accession #	NP_034019.1
NCBI GenBank Nucleotide #	NM_009889.2
UniProt Accession #	P01216; P11963; Q5M8P4
Molecular Weight	12.2kDa
NCBI Official Full Name	glycoprotein hormones alpha chain
NCBI Official Synonym Full Names	glycoprotein hormones, alpha subunit
NCBI Official Symbol	Cga
NCBI Official Synonym Symbols	HCG; LHA; FSHA; Tsha; aGSU; GPHA1; alphaSU; CG-alpha; GPHalpha; alphaGSU; alpha-GSU
NCBI Protein Information	glycoprotein hormones alpha chain; FSH-alpha; LSH-alpha; TSH-alpha; lutropin alpha chain; follitropin alpha chain; thyrotropin alpha chain; luteinizing hormone alpha chain; thyroid-stimulating hormone alpha chain; follicle-stimulating hormone alpha chain; anterior pituitary glycoprotein hormones common subunit alpha
UniProt Protein Name	Glycoprotein hormones alpha chain
UniProt Gene Name	Cga
UniProt Synonym Gene Names	FSH-alpha; LSH-alpha; TSH-alpha
UniProt Entry Name	GLHA_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/cga-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134519>