

Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa) Instruction Manual

SIPB544Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.2kDa
Accurate Molecular Mass	43kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala25~Ser116 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

APDVQD CPECTLQENP FFSQPGAPIL
QCMGCCFSRA YPTPLRSKKT MLVQKNVTSE STCCVAKSYN RVTVMGGFKV
ENHTACHCST CYYHKS

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

