

Recombinant Keratin 23 (KRT23) Instruction Manual

SIPP906Hu01

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	22.3kDa
Accurate Molecular Mass	24kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp243~Thr382 with N-terminal His 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	> 95%
Isoelectric Point	4.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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IIKKKHRDLDTWYKEQSAAM SQAASPATV QSRQGDIEL KRTFQALEID DMRQEYEL  
LQTQYSTKSA LENMLSETQS RYSCKLQDMQ EIISHYEEEL TQLRHELERQ  
NNEYQVLLGI KTHLEKEITT YRRLLEGESE GT
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USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

