

Recombinant Filaggrin (FLG) Instruction Manual

SIPJ495Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	53.7kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp119~Tyr336 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	> 90%
Isoelectric Point	6.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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DF SEGQAVGAHR QSGAGQRHEQ RSSRGQHGSG  
YYEQEHSEE ESDSQHQHGH QHEQQRGHQH QHQHQHEHEQ PESGHRQQQS  
SGRGHQGAHQ EQGRDSARPR GSNQGHSSR HQADSPRVSA RSGSGGRGQS  
PDASGRSSNR RDRPRQPSPS QSSDSQVHSG VQVEAQRGQS SSANRRAGSS  
SGSGVQGAAA SGQGGYESIF TAKHLDFNQS HSYYYY
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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

