
Tags Positive Control Whole Cell Lysate, His

Catalog Number: bs-41230P

Concentration: >0.5 mg/ml

AA Seq: GST tag & T7 tag & HSV tag & Myc & VSV-G tag & Glu-Glu tag & V5 tag & FLAG & S-tag & HA & 8×His

Predicted MW: 41

Detected MW: 41 kDa

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 10mM TBS (pH7.4) with 0.02% Proclin300.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This E.coli lysate contains a 41 kd recombinant protein expressing 11 commonly used Tags which are fused to the N-terminus of the protein in the order of:

T7 HSV

C-Myc

VSV-g

Glu-Glu

V5

E-tag

FLAG (DDDDK)

S-tag

HA

6x His

GST

Tag sequences:

T7 = CMASMTGGQQMG

HSV = QPELAPEDPEDC

CMYC = EQKLISEEDLC

VSV-g = YTDIEMNRLGK

Glu-Glu = EYMPME

V5 = GKIPNPLLGLDST
E-tag = GAPVPYPDPLEPR
FLAG = DYKDDDDK
HA = YPYDVPDYAC
6xHIS = HHHHHH

Lyophilised: After the lyophilised pellet is dissolved in 250 µl SDS-gel sample buffer (1 mg/ml protein lysate) it can be used direct for sample loading and then stored at –20°C. The sample can be reused several times.

Excellent as a loading control for Western blotting. Lysate expresses 11 different epitope tags.

VALIDATION IMAGES

