
Tags Positive Control Whole Cell Lysate, C-His

Catalog Number: bs-41403P

Concentration: >0.5 mg/ml

AA Seq: GST tag & TAP tag & SRT tag & AU1 tag & AU5 tag & Avi tag & CBP tag & E2 tag & KT3 tag & Nano-tag & S1-Tag & Strep-Tag II & Strep-Tag II & VP16 tag & B-tag & RFP-tag & Universal-tag & 100-tag & His tag

Predicted MW: 51

Detected MW: 51 kDa

Tags: C-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 = CMASMTGGQMG

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.