

Certificate of Analysis

02.03.2015

Order number: 100151
Protein: QconCAT QcStelder01 Expression in E.coli

| | |
|-------------------------|---|
| Label : | ¹⁵ N |
| Purification : | Ni-NTA |
| Buffer : | 0.5% HAc |
| Storage : | -80°C |
| Quality Control : | Purity validation by SDS-PAGE Protein concentration determined by Aminoacid analysis Peptide fingerprint by Maldi-TOF |
| Protein concentration : | 0.493 mg/ml |
| Aliquots: | 8 x 500 µl |
| Quantity of protein : | 1,972 mg |

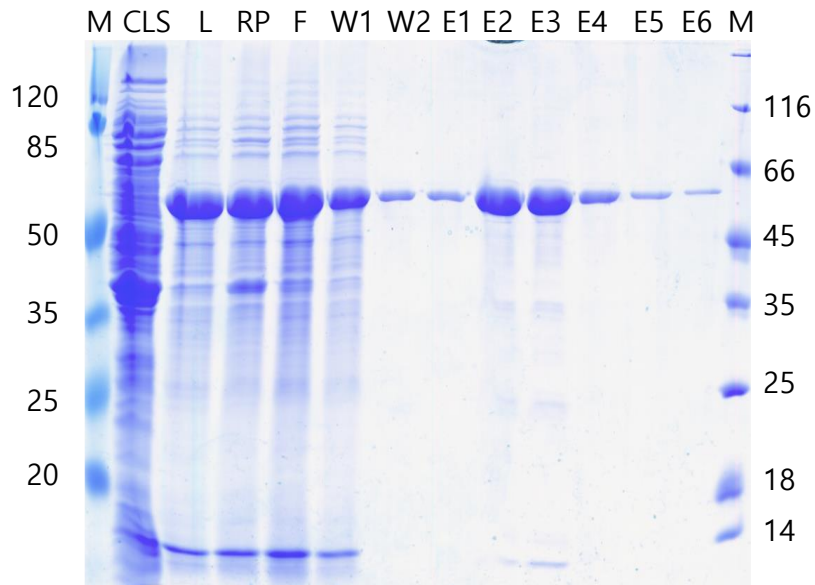
Sequence:

MAGRQSEPVEYETTLADLQKFLWNWDKGTPTIQNAVLLERVDINVYRANVQLVGTSTLLTRATVDSLPIRDLIGS
 FVREEIILIAIKVGGELVSLGKSVSQVVKVNYTDEVSIQYREFVTEVVGETKNASVSEAAAQESKVAQELFQKTSY
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 GAKAVNTAASFLAKEGDPLEIFVDRFITNILQTAQKISQTYNVPLASLAKGDGISYNTYRANAYGHDYVPAKL
 SPLQLQELKLNFEFDLKIALDDGSIVGFSKSSLPALADVWRAADGSVILTVSKI IELAPQAVDKTFVSLPVR
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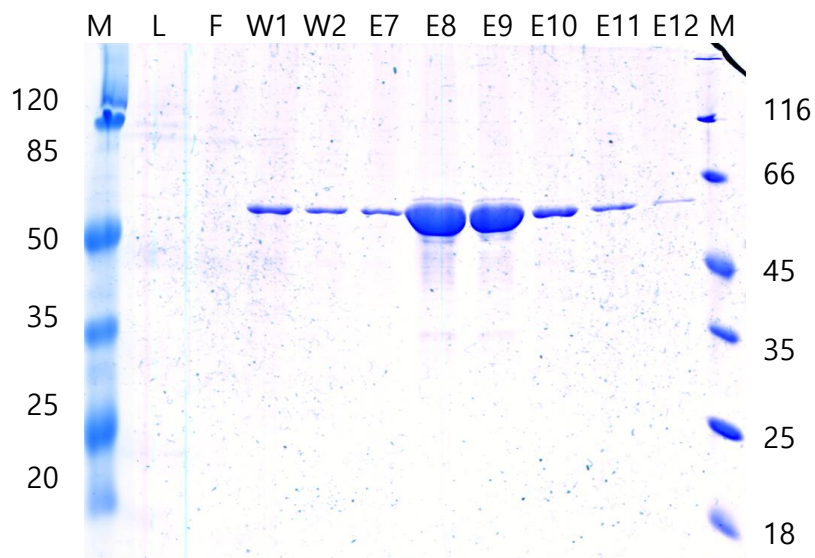
Electrophoresis: (SDS PAGE, 12.5%, Coomassie stain)

Abbr.

CLS cell lysate supernatant
 RP remaining pellet after solubilisation of inclusion bodies
 L load
 F flowthrough
 W wash
 E eluate



Due to the high protein content, the flow-through fraction was re-purified by diluting with binding buffer w/o imidazole and re-applying to the Ni-sepharose.



Fractions 2, 3, 8 & 9 were pooled and dialysed against 0.5% HAc.