

Zyxin Protein, Human, Recombinant (His)

General Information

Synonyms: Zyxin;ZYX;Zyxin-2

Protein Construction: 2-572 aa

Species: Human

Expression Host: HEK293 Cells

Accession: Q15942

Molecular Weight: 65.1 kDa (predicted)

AA Sequence: A A P R P S P A I S V S V S A P A F Y A P Q K K F G P V V A P K P K V N P F R P G D S E P P P A P G A Q R A Q M G R V G E I P P P P P E D F P L P P P L A G D G D D A E G A L G G A F P P P P P I E E S F P P A P L E E E I F S P P P P P E E E G G P E A P I P P P P Q P R E K V S S I D L E I D S L S S L L D D M T K N D P F K A R V S S G Y V P P P V A T P F S S K S S T K P A A G G T A P L P P W K S P S S S Q L P Q V P A P A Q S Q T Q F H V Q P Q P Q K P Q V Q L H V Q S Q T Q P V S L A N T Q P R G P P A S S P A P A P K F S P V T P K F T P V A S K F S P G A P G G S G S Q P N Q K L G H P E A L S A G T G S P Q P P S F T Y A Q Q R E K P R V Q E K Q H P V P P P A Q N Q N Q V R S P G A P G P L T L K E V E E L E Q L T Q Q L M Q D M E H P Q R Q N V A V N E L C G R C H Q P L A R A Q P A V R A L G Q L F H I A C F T C H Q C A Q Q L Q G Q Q F Y S L E G A P Y C E G C Y T D T L E K C N T C G E P I T D R M L R A T G K A Y H P H C F T C V V C A R P L E G T S F I V D Q A N R P H C V P D Y H K Q Y A P R C S V C S E P I M P E P G R D E T V R V V A L D K N F H M K C Y K C E D C G K P L S I E A D D N G C F P L D G H V L C R K C H T A R A Q T

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:
Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:
In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Protein Background

A DRUG SCREENING EXPERT

Adhesion plaque protein. Binds alpha-actinin and the CRP protein. Important for targeting TES and ENA/VASP family members to focal adhesions and for the formation of actin-rich structures. May be a component of a signal transduction pathway that mediates adhesion-stimulated changes in gene expression.

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