

## ZYX 抗原（重组蛋白）

中文名称： ZYX 抗原（重组蛋白）

英文名称： ZYX Antigen (Recombinant Protein)

别名： zyxin; ESP-2; HED-2

相关类别： 抗原

储存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to a region derived from 373-572 amino acids of human ZYX

### 技术规格

<b>Full name:</b>	zyxin
<b>Synonyms:</b>	ESP-2; HED-2
<b>Swissprot:</b>	Q15942
<b>Gene Accession:</b>	BC008743
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of pro

teins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform.