

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

Full name:	zyxin
Synonyms:	ESP-2; HED-2
Swissprot:	Q15942
Gene Accession:	BC008743
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.