

## CDC42

### Recombinant Human Cell Division Cycle 42, GST-tag C-terminal deletion (aa 1-178)

<b>Catalog No.</b>	CSI13869	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	CDC42, Cell division control protein 42 homolog, G25K GTP-binding protein		
<b>Description:</b>	<p>The C-terminal deletion of 13 amino acids of CDC42 includes the polybasic domain consisting of six contiguous basic amino acids. The polybasic domain is required for homodimer formation.</p> <p>Rho family GTPases Rac1 and CDC42 belong to the Ras superfamily of small GTP-binding proteins. The human homolog of yeast Cdc42 is essential for cell polarity and regulates cytoskeletal rearrangements in responses to growth factor stimulation.</p> <p>The GST-Tag facilitates the protein's application in typical GST pull-down assays.</p>		
<b>UniProt ID:</b>	P60953		
<b>Gene ID:</b>	998		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	19.8 kDa (178 amino acids)		
<b>Formulation:</b>	30 mM Tris-HCl, 5 mM DTE, pH 7.0		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. <b>Avoid freeze-thaw cycles.</b>		

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