



# Recombinant Human Docking protein 5 (DOK5)

<b>Product Code</b>	CSB-YP007111HU
<b>Abbreviation</b>	DOK5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9P104
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASNFNDIVK QGYVRIRSRR LGIYQRCWL V FKKASSKGPK RLEKFSDERA AYFRCYHKVT ELNNVKNVAR LPKSTKKHAI GIYFNDDTSK TFACESDLEA DEWCKVLQME CVGTRINDIS LGEPDLLATG VEREQSERFN VYLMPSPNLD VHGECALQIT YEYICLWDVQ NPRVKLISWP LSALRRYGRD TTWFTFEAGR MCETGEGFLI FQTRDGEAIY QKVHSAALAI AEQHERLLQS VKNSMLQMKM SERAASLSTM VPLPRSAYWQ HITRQHSTGQ LYRLQDVSSP LKLHRTETFP AYRSEH
<b>Source</b>	Yeast
<b>Target Names</b>	DOK5
<b>Protein Names</b>	Recommended name: Docking protein 5 Alternative name(s): Downstream of tyrosine kinase 5 Insulin receptor substrate 6 Short name= IRS-6 Short name= IRS6
<b>Expression Region</b>	1-306
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. In contrast to other DOK family proteins, this protein does not interact with RASGAP.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



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