



Recombinant Human Docking protein 1 (DOK1)

Product Code	CSB-EP858723HU-B
Abbreviation	DOK1
Storage	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.
Uniprot No.	Q99704
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDGAVMEGPL FLQSQRFGTK RWRKTWAVLY PASPHGVARL EFFDHKGSSS GGGRGSSRRL DCKVIRLAEC VSVAPVTVET PPEPGATAFR LDTAQRSHLL AADAPSSAAW VQTLCRNAFP KGSWTLAPTD NPPKLSALEM LENSLYSPTW EGSQFWVTVQ RTEAAERCGL HGSYVLRVEA ERLTLLTVGA QSQILEPLLS WPYTLRRYG RDKVMFSFEA GRRCPSPGPT FTFQTAQGND IFQAVETAIH RQKAQKGAGQ GHDVLRADSH EGEVAEGKLP SPPGPQELLD SPPALYAEPL DSLRIAPCPS QDSLYSDPLD STSAQAGEGV QRKKPLYWDL YEHAQQQLLK AKLTDPKEDP IYDEPEGLAP VPPQGLYDLP REPKDAWWCQ ARVKEEGYEL PYNPATDDYA VPPPRSTKPL LAPKPQGPAF PEPGTATGSG IKSHNSALYS QVQKSGASGS WDCGLSRVGT DKTGVKSEGS T
Source	E.coli
Target Names	DOK1
Protein Names	Recommended name: Docking protein 1 Alternative name(s): Downstream of tyrosine kinase 1 p62(dok) pp62
Expression Region	1-481
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Docking protein 1 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. Docking protein 1 contains a putative pleckstrin homology domain at the amino terminus and ten PXXP SH3 recognition motifs. Docking protein 2 binds p120 (RasGAP) from CML cells. It has been postulated to play a role in mitogenic signaling.
Reconstitution	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.

Shelf Life

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.