

Recombinant Human SHPK Protein

| Catalog # | Source | Reactivity | Applications |
|-----------|-------------|------------|---------------------|
| CRP2303 | Human cells | Human | E, WB, SDS-PAGE, MS |

| | |
|---------------------------|--|
| Description | Recombinant Human SHPK Protein is produced by our mammalian expression system and the target gene encoding Met1-Ser478 is expressed with a 6His tag at the C-terminus. |
| Form | Liquid in a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| Gene Symbol | SHPK |
| Alternative Names | CARKL; Sedoheptulokinase; SHK; Carbohydrate kinase-like protein |
| Entrez Gene | 23729 (Human) |
| SwissProt | Q9UJH6 (Human) |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |
| Chemical Structure | MAARPITLGI DLGTTSVKAA LLRAAPDDPS GFAVLASCAR AARAEAAVES AVAGPQGREQ DVSRILQALH ECLAALPRPQ LRSVVGIGVS GQMHGVVFWK TGQGCEWTEG GITPVFEPPRA VSHLVTWQDG RCSSEFLASL PPKSHLSVA TGFGCATIFW LLKYRPEFLK SYDAAGTIHD YVVAMLCGLP RPLMSDQNA SWGYFNTQSQ SWNVETLRSS GFPVHLLPDI AEPGSVAGRT SHMWFEIPKG TQVGVALGDL QASVYSCMAQ RTDAVLNIST SVQLAASMPS GFQPAQTPDP TAPVAYFPYF NRTYLGVAAS LNGGNVLATF VHMLVQWMAD LGLEVEESTV YSRMIQAAVQ QRDTHLTIP TVLGERHLPD QLASVTRISS SDLSLGHVTR ALCRGIVQNL HSMLPIQQLQ EWGVERVMGS GSALSRNDVL KQEVQRAFPL PMSFGQDVDA AVGAALVMLR RHLNQKESVD HHHHHH |
| Quality Control | Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test. |
| Directions for Use | Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com