

Product Data Sheet

Ac-S-D-K-P

Catalog # Source Reactivity Applications

CCP1029 Synthetic

Description Peptide to Ac-S-D-K-P

Biological Description This bioactive tetrapeptide corresponding to the N-terminus of Thymosin β_4 , is a

physiological regulator of hematopoiesis and inhibits the entry into the S-phase

of murine and human hematopoietic stem cells. Ac-SDKP has been shown to

reduce the damage to

Form Lyophilized powder

CAS Number 127103-11-1

Molecular Formula C20H33N5O9

Molecular Weight 487.51

Purity > 95%

Chemical Structure Ac - Ser - Asp - Lys - Pro - OH

Storage/Stability Shipped at 4°C. Store at -20°C for one year.

Structure

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, 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, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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