

## Product Datasheet

### Ac-S-D-K-P peptide (orb216412)

<b>Description</b>	Ac-S-D-K-P peptide
<b>Form/Appearance</b>	Lyophilized powder
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year.
<b>Note</b>	For research use only
<b>Application notes</b>	This bioactive tetrapeptide corresponding to the N-terminus of Thymosin $\beta_4$ , 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 specific compartments in the bone marrow resulting from treatment with chemotherapeutic agents, ionizing radiations, hyperthermy, or phototherapy. It protects from doxorubicin-induced toxicity. Ac-SDKP is a physiological substrate of angiotensin I- converting enzyme (ACE).
<b>Protein Sequence</b>	Ac-Ser-Asp-Lys-Pro-OH
<b>Formula</b>	$C_{20}H_{33}N_5O_9$
<b>Purity</b>	> 95%
<b>Source</b>	Synthetic
<b>MW</b>	487.51
<b>CAS Number</b>	127103-11-1
<b>Expiration Date</b>	12 months from date of receipt.

