

Product Sheet

JAG-1 protein active peptide fragment

Catalog # JAG-1-pep-100

Description The Notch pathway is an important pathway in stem cell functions. Jagged-1 is a ligand for Notch receptors. This peptide with a sequence of CDDYYYGFGCNKFCRPR has been shown to mimic the function of full-length Jagged-1, and therefore, can be used as an agonist to activate the Notch pathway.

Ref: Nickoloff et al, Cell Death Different, 2002; Sato T et al, Nature, 2009

Formulation Lyophilized in a solution of acetonitrile and TFA.

Reconstitution Before reconstitution, we recommend a brief spin to drive down any material dislodged from the bottom of the tube. The lyophilized peptide should be reconstituted in 10mM HCl or acetic acid.

Stability The lyophilized protein is stable for at least 1 year if stored at -80 degree C. Reconstituted protein is stable for at least 1 month at 4 degree C, but should be stored in aliquots at -80 degree C for longer term. Avoid repeated freeze and thaw.

Purity Greater than 95% as determined by RP-HPLC analysis

Biological Activity Not determined.

Country of Origin USA

For Research Use Only. Not for Use in Humans.