PRODUCT INFORMATION

Target	POSTN
Synonyms	OSF-2;OSF2;PDLPOSTN;PN
Description	Recombinant Human POSTN Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q15063
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	POSTN(Asn22-Gln836) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 91.8 kDa after removal of the signal peptide. The apparent molecular mass of POSTN-His is approximately 55-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing, and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]
Usage	Research use only
Conjugate	Unconjugated

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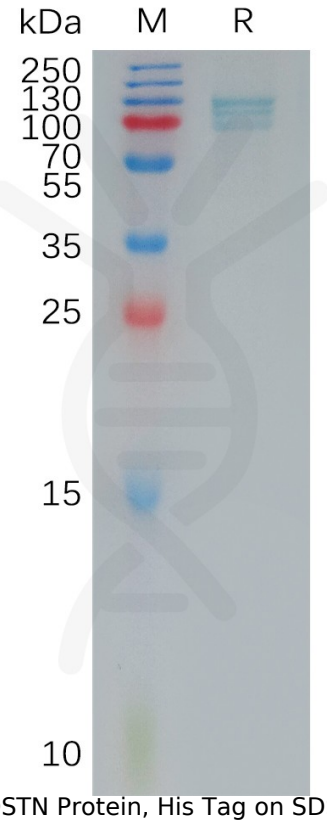


Figure 1. Human POSTN Protein, His Tag on SDS-PAGE under reducing condition.

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