

# Human FNDC1 Protein

Cat. No. FDC-HE101

## Description

<b>Source</b>	Recombinant Human FNDC1 Protein is expressed from E.coli with His tag at the N-Terminus. It contains Ala33-Thr457.
<b>Accession</b>	Q4ZHG4-1
<b>Molecular Weight</b>	The protein has a predicted MW of 48.68 kDa. The protein migrates to 50-55 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

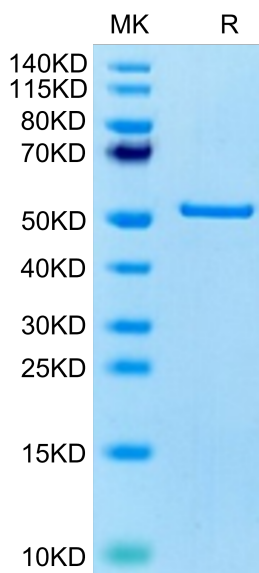
## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22µm filtered solution in 20mM PB, 500mM NaCl, 10% Glycerol.
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

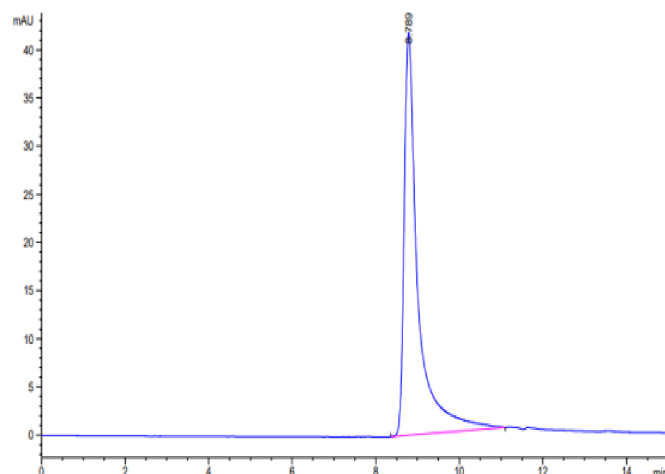
## Background

Fibronectin type III domaincontaining protein 1 (FNDC1) is a protein that contains a major component of the structural domain of fibronectin.FNDC1 was highly upregulated and acted as an oncogene in BC. Therefore, targeting FNDC1 may be a potential strategy for the treatment of BC.

## Assay Data



Human FNDC1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of Human FNDC1 is greater than 95% as determined by SEC-HPLC.