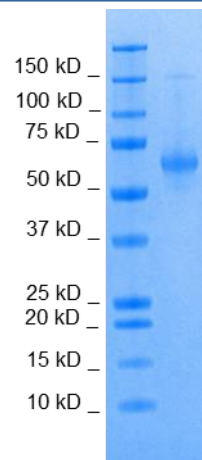


SIL-CPB2/TAFI protein standard – Arg/Lys <sup>13</sup> C <sup>15</sup> N labelling	
Human Carboxypeptidase B2 protein (Uniprot accession number Q96IY4)	
Product Description	Recombinant Human Carboxypeptidase B2 (CPB2) or Thrombin-activable fibrinolysis inhibitor (TAFI) protein is expressed in human cells with a poly-His purification tag at the C-terminus and purified using proprietary method including IMAC and Ion Exchange chromatography.
Protein sequence	FQSGQVLAALPRTSRQVQVLQNLTTTYEIVLWQPVTADLIVKKKQVHFFVNAS DVDNVKAHLNVSGIPCSVLLADVEDLIQQQISNDTVSPRASASYEYQYHSLNEI YSWIEFITERHPDMLTKIHIGSSFKEYPLYVLKVSGKEQAANKNAIWIDCGIHARE WISPAFCLWFIGHTQFYGIIGQYTLLRLVDFYVMPVVNVGDYDYSWKKNRM WRKNRSFYANNHCIGTDLNRNFASKHWCEEGASSSSCSETYCGLYPESEPEV KAVASFLRRNINQIKAYISMHSYSQHIVFPYSYTRSKSKDHEELSLVASEAVRAI EKISKNTRYTHGHGSETLYLAPGGGDDWIYDLGIKYSFTIELRDTGTYGFLLP E RYIKPTCREAFAAVSKIAWHVIRNVHHHHHH
Predicted Molecular Mass	46.8 kDa CPB2/TAFI run with apparent molecular mass of about 64 kDa due to glycosylation (Guimarães AH et al., J Thromb Haemost, 2004).
Expression system	HEK (Human Embryonic Kidney) cell line
Purity	Greater than 90% as determined by SDS-PAGE analysis
Labelling	ARG- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> and LYS- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> >99% as determined by LC-MS/MS analysis of trypsin digested SIL-protein
Tag information	PolyHis tag at the C-terminus
Protein Content	Quantitation is carried out by BCA protein assay using BSA as standard.
Formulation	Lyophilized - PBS buffer Reconstitute by adding H2O
Shipping and storage	The product is supplied as a lyophilized powder and shipped at room temperature. Store at -80°C upon receipt. After reconstitution, protein can be kept at 4°C for a few weeks.
Usage	The product is for research use only. Not for diagnostic or therapeutic use.



## SIL-CPB2/TAFI protein standard – Arg/Lys $^{13}\text{C}^{15}\text{N}$ labelling

### Human Carboxypeptidase B2 protein (Uniprot accession number Q96IY4)

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