

PRODUCT INFORMATION

Tag	N-His, C-twin-strep
Target	STEAP1
Synonyms	PRSS24; STEAP
Description	Human STEAP1 full length protein-Nanodisc
Delivery	1 week
Uniprot ID	Q9UHE8
Expression Host	E.coli
Protein Families	Transmembrane
Protein Pathways	N/A
Molecular Weight	The human STEAP1 full length protein has a MW of 43.9kDa
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, pH7.5
Storage&Shipping	Store at -80°C, Ship on dry ice.
Background	STEAP1 is a cell-surface biomolecule composed by six transmembrane domains connected by intra- and extracellular loops. It is commonly found overexpressed in several types of cancers, namely in PCa, and is preferentially located at the tight or gap junctions. However, in nontumoural tissues and vital organs, STEAP1 protein presents low or absent expression, unveiling considerable specificity for cancer environment. Taking into account STEAP1 predicted transmembrane topology and cellular localization, it has been hypothesized that STEAP1 may play an important role as a transporter protein and can be involved in intercellular communication.
Purity	>80%
Usage	Research use only
Conjugate	Unconjugated

