9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

STEAP4 Human

STEAP Family Member 4 Human Recombinant
RCP2261

Product Overview

Name	STEAP4 Human
Description	
STEAP Family Member 4 Human Recombinant	
Accession (Primary)	Q687X5
Synonyms	
DKFZp666D049, FLJ23153, STAMP2, TIARP, TNFAIP9, Six-transmembrane epithelial antigen of prostate 4, SixTransMembrane protein of prostate 2, Tumor necrosis factor, alpha-induced protein 9.	
Introduction	
STEAP Family Member 4 (STEAP4) is a member of the STEAP (six transmembrane epithelial antigen of prostate) family, resides in the golgi apparatus. STEAP4 act as a metalloreductase which has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+),using NAD(+) as acceptor. According to studies in mice and human it is possible that STEAP4 may involve in adipocyte development and metabolism, and also contribute to the normal biology of the prostate cell.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
STEAP4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MEKT CIDALPLTMN SSEKQETVCI FGTGDFGRSL GLKMLQCGYS VVFGSRNPQK TTLLPSGAEV LSYSEAAKKS GIIIIAIHRE HYDFLTELTE VLNGKILVDI SNNLKINQYP ESNAEYLAHL VPGAHVVKAF NTISAWALQS GALDASRQ.	

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Precautions

STEAP4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q687X5)