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32-4525: Recombinant Human Prostate Specific Membrane Antigen (Discontinued)

Alternative Name :	PSMA,Prostate Specific Cancer Antigen,PSM,FGCP,FOLH,GCP2,mGCP,GCPII,NAALAD1,NAALAdase,FOLH1,Glutamate carboxypeptidase 2,Glutamate carboxypeptidase II,Membrane glutamate carboxypeptidase,N-acetylated-alpha-linked acidic dipeptidase I,P

Description

Source : Escherichia Coli. PSMA Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 150 amino acids (1-150 a.a.) fused to a GST tag and having a total molecular mass of 43kDa. The PSMA is purified by proprietary chromatographic techniques. PSMA is a cancer antigen that is widely expressed as a noncovalent homodimer on the surface of prostate cancer cells, rather than on normal cells, therefore it is an interesting target to image prostate tissues when being used with radioactive antibodies. PSMA is expressed on the surface of novel blood vessels that nourish a broad range of other solid tumors. PSMA is a type II membrane protein with folate hydrolase activity produced by prostatic epithelium. PSMA expression is found in extraprostatic tissues, including small bowel and brain.

Product Info

Amount :	5 µg
Content :	PSMA is supplied in 50mM Tris-HCl, pH-7.5, 10mM L-glutathione (reduced).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.