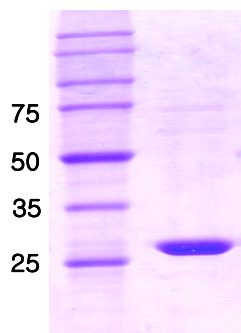


Product: SHP-1, human
Catalog #: 01-2221
Amount: 50 µg

SOURCE: Recombinant, E. coli

AA Sequence: (aa243-541)

MGFWEEFES LQKQEVKNLH QRLEGQRPEN KGKNRYKNIL
PFDHSRVILQ GRDSNIPGSD YINANYIKNQ LLGPDENAKT
YIASQGCLEA TVNDFWQMAW QENSRVIVMT TREVEKGRNK
CVPYWPEVGM QRAYGPYSVT NCGEHDITTEY KLRTLQVSPL
DNGDLIREIW HYQYLSWPDH GVPSEPGGVL SFLDQINORQ
ESLPHAGPII VHCSAGIGRT GTIIVIDMLM ENISTKGLDC
DIDIQKTIQM VRAQRSGMVQ TEAQYKFIYV AIAQFIETTK
KKLEVLQSQK GQSEYGNIT Y



10% SDS-PAGE

PURITY: Greater than 95% determined by SDS-PAGE
SPECIFIC ACTIVITY: > 5,000 Units/mg
One unit will hydrolyze 1 nanomole of p-nitrophenylphosphatate per minute at pH 7.4 at 37°C using 10mM of substrate
MOLECULAR WEIGHT: 34.381 kDa
PRESENTATION: Purified, in 25 mM Tris-HCl, pH7.5, 2 mM β-mercaptoethanol, 1 mM EDTA, 1mMDTT, 20%Glycerol
STORAGE/STABILITY: -20°C (aliquot), Avoid repeated freeze and thaw cycles.

Reference:

Shen, S. H., et al. (1991) Nature **352**: 736-739
Wu C., et al. (2003) Gene **306**: 1-12

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