

# Recombinant Human Bone sialoprotein 2 (IBSP),partial

Catalog No: #AP77090

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Package Size: #AP77090-1 20ug #AP77090-2 100ug #AP77090-3 1mg

## Description

Product Name	Recombinant Human Bone sialoprotein 2 (IBSP),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:129-281aaSequence Info:Partial
Other Names	Bone sialoprotein II
Accession No.	P21815
Uniprot	P21815
GeneID	3381;
Calculated MW	32.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AIQLPKKAGDITNKATKEKESDEEEEEEEEGNENESEAEVDENEQGINGTSTNSTEAENGNSSGGDNGEE GEEESVTGANAEDTTETGRQKGKTSKTTTSPNGGFEPPTPPQVYRTTSPFPGKTTTVEYEGEYETGANEYD NGYEIYESE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Promotes Arg-Gly-Asp-dependent cell attachment.

## References

"Human bone sialoprotein. Deduced protein sequence and chromosomal localization."

Fisher L.W., McBride O.W., Termine J.D., Young M.F.

J. Biol. Chem. 265:2347-2351(1990)Research Topic:Others

Note: This product is for in vitro research use only