

## Product Data Sheet

**Biotinylated Hyaluronan binding protein(Biotin-HABP)****[recombinant]**

- Catalog No. :** AMS.HKD-BC41                      **Lot. No.:** NB
- Quantity :** 200µL/vial ( 0.25mg/mL )
- Source :** Recombinant human versican G1 domain(rHABP) expressed in *E.coli*.
- Buffer :** Phosphate buffered saline pH7.4 , 10% glycerol
- Description :** Versican G1 domain bind specifically to hyaluronan and doesn't bind to other glycosaminoglycan,DNA.  
Versican G1 domain can use probe for hyaluronan detection.
- Characterization:** On SDS-PAGE commassie blue stained gel,the purified recombinant protein shows a band at 36.7kDa.Purity is greater than 95% by SDS-PAGE gel.
- Applications :** immunohistochemistry, ELISA  
The optimal dilution for specific application should be determined by the investigator.
- Storage :** Store vial at -20°C to -80°C. Avoid freeze / thaw cycles.
- References :**
1. Tengblad A. A comparative study of the binding of cartilage link protein and the hyaluronate-binding region of the cartilage proteoglycan to hyaluronate-substituted Sepharose gel. *Biochem J.* 1981 Nov;199 (2) :297-305.
  2. Tengblad A. Quantitative analysis of hyaluronate in nanogram amounts. *Biochem J.* 1980 Jan 1;185(1) :101-5.

***For research and in vitro use only. Not for diagnostic or therapeutic work.***