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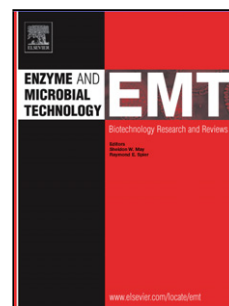
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Construction, expression and characterization of a fusion protein HBscFv-IFN γ in *Komagatella (Pichia) pastoris* X33

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Highlights

- ► The engineering strain X4 was able to obtain higher expression of HBscFv-IFN γ .
- ► HBscFv-IFN γ displayed an excellent immunoreaction against HBsAg.
- ► HBscFv-IFN γ was purified from the culture supernatant of X4 with a purity of 95~98%.
- ► HBscFv-IFN γ was able to bind 27.9% HBsAg in the serum of HBV transgenic mice.

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