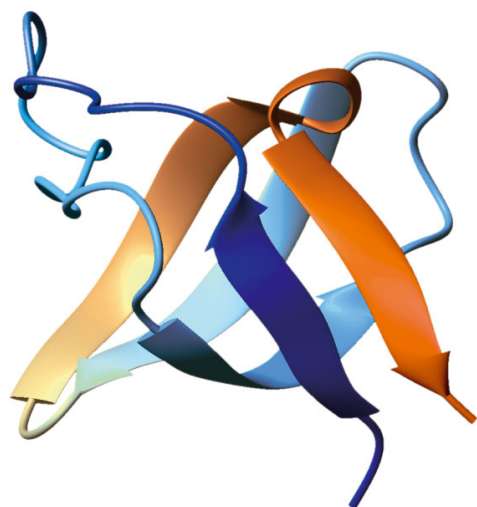




References

Kesti et al. 2007. Reciprocal Regulation of SH3 and SH2 Domain Binding via Tyrosine Phosphorylation of a Common Site in CD3e. **J Immunol** 179: 878-885

Kärkkäinen et al. 2006. Identification of preferred protein interactions by phage-display of the human Src homology-3 proteome. **EMBO R** 7(2): 186-191



Further Information

Visit us:

www.geneart.com/english/products-services/phage-display-libraries

Contact Europe

GENEART AG
Josef-Engert-Str. 11
93053 Regensburg
Germany

SH3.domain@geneart.com

Phone +49 941 942 76-0
Fax +49 941 942 76-711

Contact North America

GENEART Inc.
1243 Islington Ave, Suite 705
Toronto, ON
Canada M8X 1Y9

SH3.domain@geneart.com

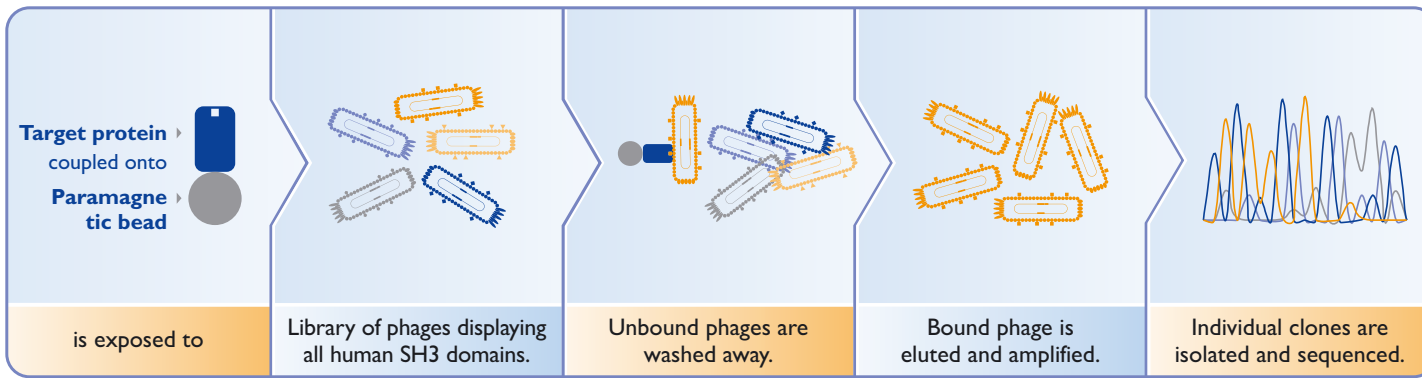
Phone +1 416 233-0666
Fax +1 416 233-0854

© 2008 www.janda-roscher.de Fotos: Juliane Zlobberger

www.geneart.com

All SH3 Domain Phager

Rapid Screening of
Human SH3 Domain Ligands
with a Ready-to-use Phage
Display Library



All SH3 Domain Phager

GENEART's new SH3 Domain Phage Display Library is ideal for detecting specific interactions with your protein of interest.

Advantages

Our ready-to-use assay provides:

- ✓ **Fast** and unbiased detection of binding targets from a pool of more than 300 human SH3 domains
- ✓ **Entire** selection of individual SH3 domains which bind your specific ligand
- ✓ **High specificity** guaranteed due to lack of spurious interference from other non-target proteins
- ✓ **Applicable to any target protein**
- ✓ **Easy** association of selected SH3 domains to corresponding protein via accession number

All SH3 Domain Phager is the first commercially available phage display-based system that assays the entire human SH3 proteome for candidate ligands.

Principle

1. Target protein with interest is immobilized by coupling onto paramagnetic beads.
2. Beads with coupled protein are exposed to SH3 phage display library.
3. Unbound phages are washed away.
4. Phages that bind specifically to your target are eluted and amplified.
5. Individual clones are isolated and sequenced to determine the peptide sequence which binds to the target.
6. You have identified a new specific interaction partner of your protein!



Contact

fax to +49 941 942 76-711

YES, I am interested in more information about GENEART's **All SH3 Domain Phager**.

My favorite way of contact:

Via email Via phone Via fax

Name

Institute

Email

Phone

Fax

Notes