

## ARG83277 Human Calsyntenin 2 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | ARG83277 Human Calsyntenin 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Calsyntenin 2 in Serum, Plasma and Cell culture supernatants.      |
| Tested Reactivity   | Hu   |
| Tested Application  | ELISA  |
| Specificity         | There is no detectable cross-reactivity with other relevant proteins.  |
| Target Name         | Calsyntenin 2  |
| Conjugation         | HRP  |
| Conjugation Note    | Substrate: TMB and read at 450 nm.   |
| Sensitivity         | 13 pg/ml   |
| Detection Range     | 31.2 pg/ml - 2,000 pg/ml   |
| Sample Type         | Serum, Plasma and Cell culture supernatants  |
| Precision           | Intra-Assay CV: 6.8%<br>Inter-Assay CV: 6.0%   |
| Alternate Names     | CLSTN2; Calsyntenin 2; CS2; CDHR13; CSTN2; Cadherin-Related Family Member 13; Calsyntenin-2; FLJ39113; Alcadein Gamma; Alcadein-Gamma; ALC-GAMMA; Alcagamma; Alc-Gamma |

### Application Instructions

|            |           |
|------------|-----------|
| Assay Time | ~ 5 hours |
|------------|-----------|

### Properties

|                     |  |
|---------------------|--|
| Form                | 96 well  |
| Storage instruction | Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

### Bioinformation

|                |   |
|----------------|---|
| Gene Symbol    | CLSTN2  |
| Gene Full Name | Calsyntenin 2   |
| Background     | Predicted to enable calcium ion binding activity. Predicted to be involved in positive regulation of synapse assembly and positive regulation of synaptic transmission. Predicted to be located in postsynaptic density. Predicted to be active in cell surface; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane. |
| Function       | Promotes synapse development by acting as a cell adhesion molecule at the postsynaptic membrane,  |

which associates with neurexin-alpha at the presynaptic membrane.

PTM

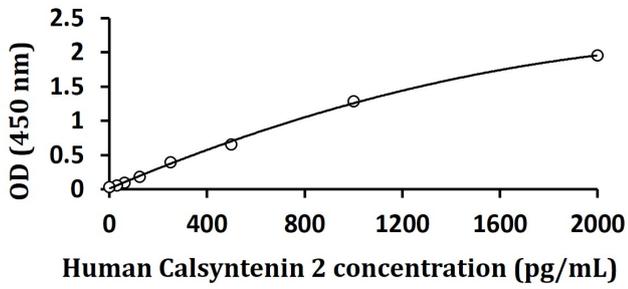
Glycoprotein

Cellular Localization

Cell membrane, Cell projection, Endoplasmic reticulum, Golgi apparatus, Membrane, Postsynaptic cell membrane, Synapse

## Images

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ARG83277 Human Calsyntenin 2 ELISA Kit standard curve image

ARG83277 Human Calsyntenin 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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