

## Alpha 2, 3/6/8 -Sialidase (SpNanA)

### Product Information

|                                 |                                                                                                                                                                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cat#</b>                     | DIA-605                                                                                                                                                                                                                          |
| <b>Descriptions</b>             | Alpha 2, 3/6/8 -sialidase (SpNanA) possesses broad-spectrum cleavage activity targeting multiple types of sialic acid linkages, suitable for comprehensive sialic acid chain degradation and polysaccharide structural research. |
| <b>Applications</b>             | Alpha 2, 3/6/8 -sialidase (SpNanA) is widely used in broad-spectrum sialic acid degradation detection kits and comprehensive polysaccharide structure analysis reagent development.                                              |
| <b>CAS No.</b>                  | 32-1-185                                                                                                                                                                                                                         |
| <b>Enzyme Commission Number</b> | EC 3.2.1.18                                                                                                                                                                                                                      |
| <b>Enzyme Source</b>            | Bifidobacterium longum subsp.                                                                                                                                                                                                    |
| <b>Reaction</b>                 | Neu5AcAlpha2, 8Neu5Ac = Neu5Ac                                                                                                                                                                                                   |
| <b>Activity Definition</b>      | One unit is defined as the amount of enzyme that catalyzes the formation of 1 $\mu$ mol Neu5Ac from Neu5AcAlpha2,8Neu5Ac per minute at 37°C.                                                                                     |