



# Recombinant Human Olfactory receptor 2A5 (OR2A5)

|                          |                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-CF853492HU                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                          |
| <b>Uniprot No.</b>       | Q96R48                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product Type</b>      | Transmembrane Protein                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Sequence</b>          | <p>MTKNQTWVTEFILLGFPLSLRIQMLLSGLFSLLYVFTLLGNGAILGLIWLD SRLH<br/>TPMYF</p> <p>FLSHLAIIDISYASNNVPKMLTNLGLNKRKTISFVPCTMQTFLYMAFAHTECLILV<br/>MMSY</p> <p>DRYMAICHPLQYSVIMRWGVCTVLAVTSWACGSLLALVHVVLILRLPFCGPHEI<br/>NHFFCE</p> <p>ILSVLKLACADTWLNQVVIFAASVFILVGPLCLVLVSYSRILAAILRIQSGEGRRK<br/>AFST</p> <p>CSSHLCMVGLFFGSAIVMYMAPKSRHP EEQQKVLSLFYSLFNPMLNPLIYSLR<br/>NAEVKGA LKRVLWKQRSK</p> |
| <b>Source</b>            | in vitro E.coli expression system                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>      | OR2A5                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Names</b>     | Recommended name: Olfactory receptor 2A5 Alternative name(s): Olfactory receptor 2A26 Olfactory receptor 2A8 Olfactory receptor 7-138/7-141 Short name= OR7-138 Short name= OR7-141                                                                                                                                                                                                        |
| <b>Expression Region</b> | 1-311                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                        |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Shelf Life</b>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>                                                                                              |