



Recombinant *Drosophila melanogaster* Gustatory receptor 5a for trehalose (Gr5a)

Product Code	CSB-CF896191DLU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9W497
Product Type	Transmembrane Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Sequence	MRQLKGRNRCNRAVRHLKIQQKMWLKLNKSGLEQIRESQVRGTRKNFLHDG SFHEAVAPV LAVAQCFCLMPVCGISAPTYRGLSFNRRSWRFWYSSLYLCSTSVDLAFSIRRV AHSVLDV RSVEPIVFHVSILIASWQFLNLAQLWPGLMRHWAAVERRLPGYTCCCLRARPA RRLKLVA FVLLVSLMEHLLSIISVYYDFCPRRSDPVESYLLGASAQLFEVFPYSNWLAW LGKIQN VLLTFGWSYMDIFLMMGLMGLSEMLARLNRSLEQQVRQPMPEAYWTWSRTL YRSIVELIR EVDDAVSGIMLISFGSNLYFICLQLLKSINTMPSSAHAVYFYFSLLFLLSRSTAVL LFVS AINDQAREPLRLLRLVPLKGYHPEVFRFAAELASDQVALTGLKFFNVTRKLFLA MAGTVA TYELVLIQFHEDKKTWDCSPFNLD
Source	in vitro <i>E.coli</i> expression system
Target Names	Gr5a
Protein Names	Recommended name: Gustatory receptor 5a for trehalose Alternative name(s): Trehalose receptor
Expression Region	1-444
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.